

Fig. 1

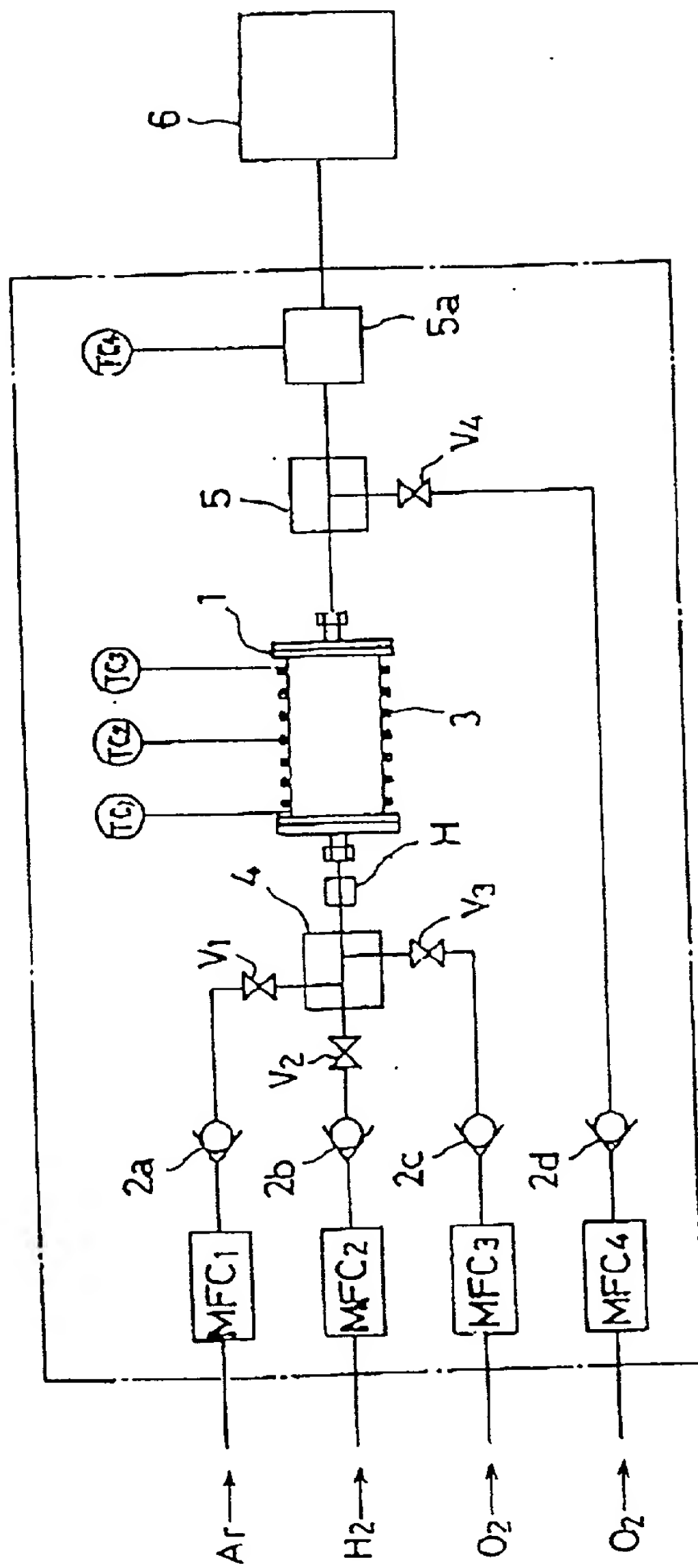
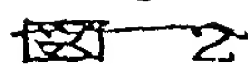
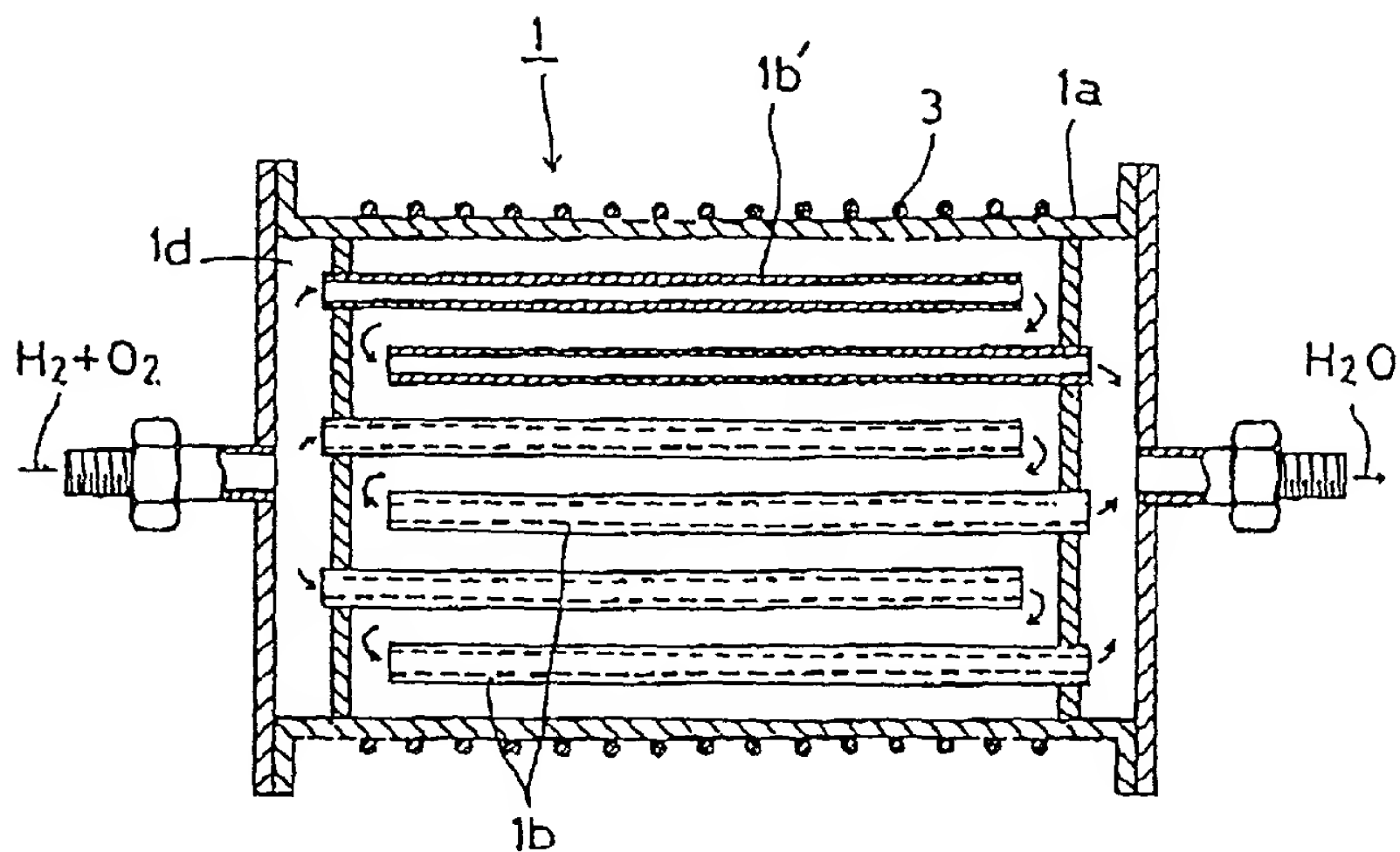


Fig. 2

 2



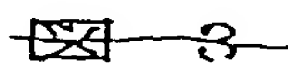
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Fig. 3

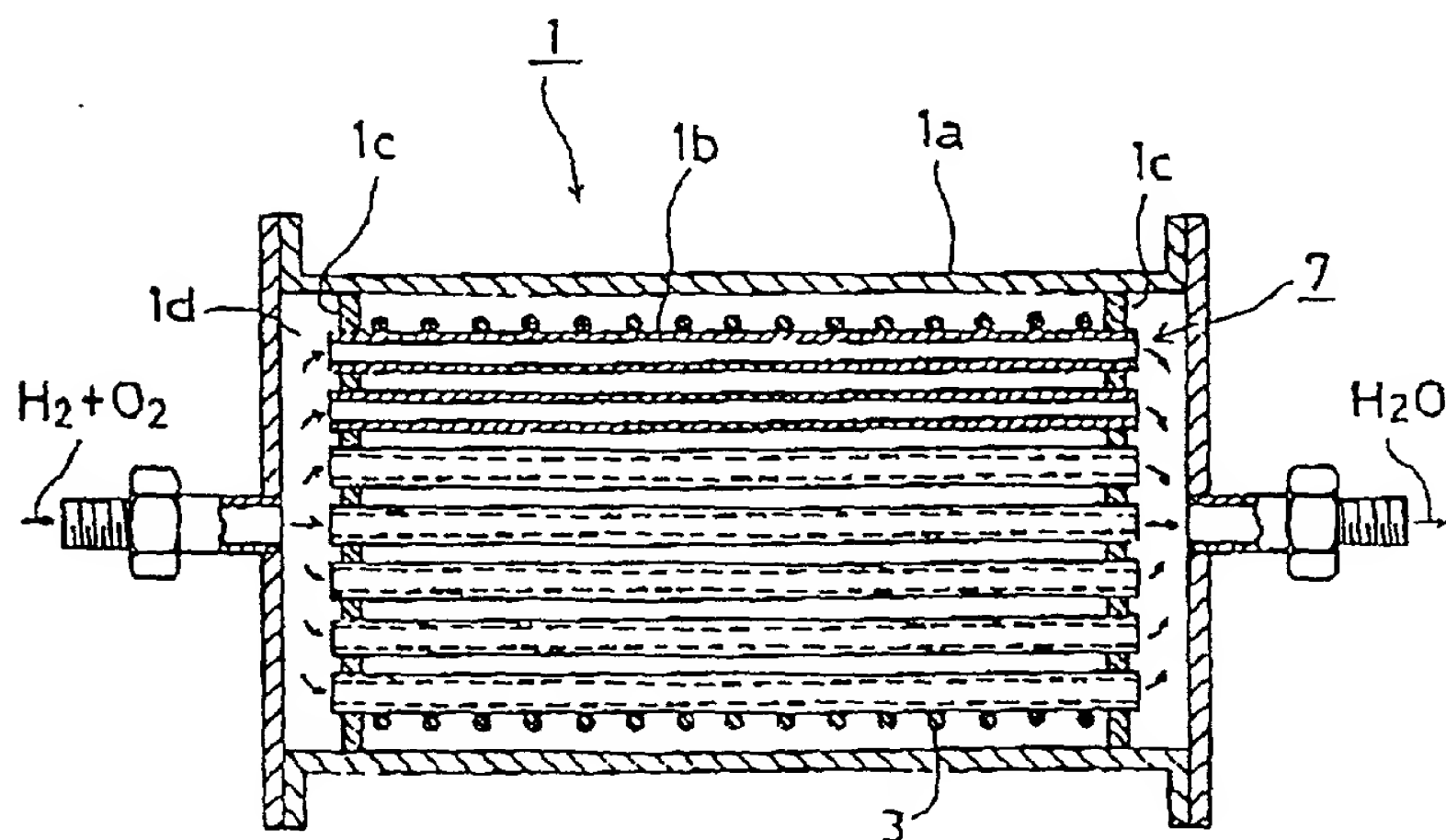
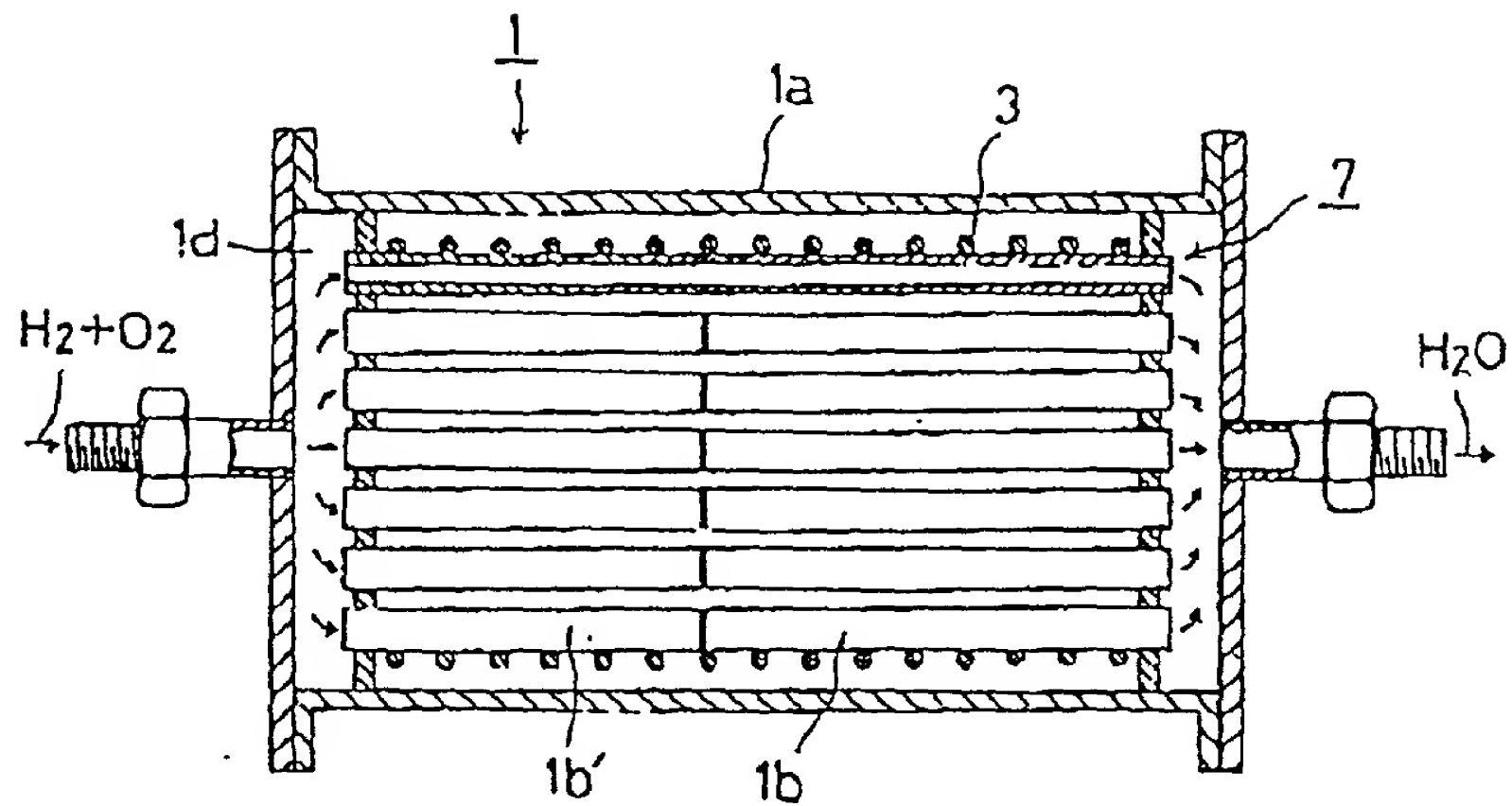


Fig. 4
~~Fig. 4~~



~~Fig. 5~~

Fig. 5

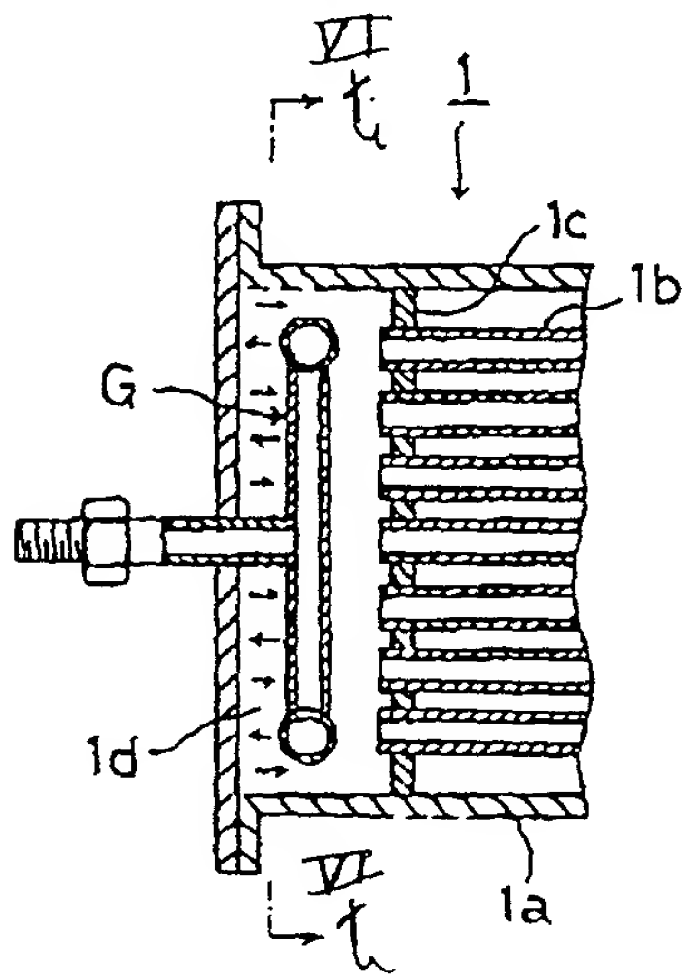


Fig. 6

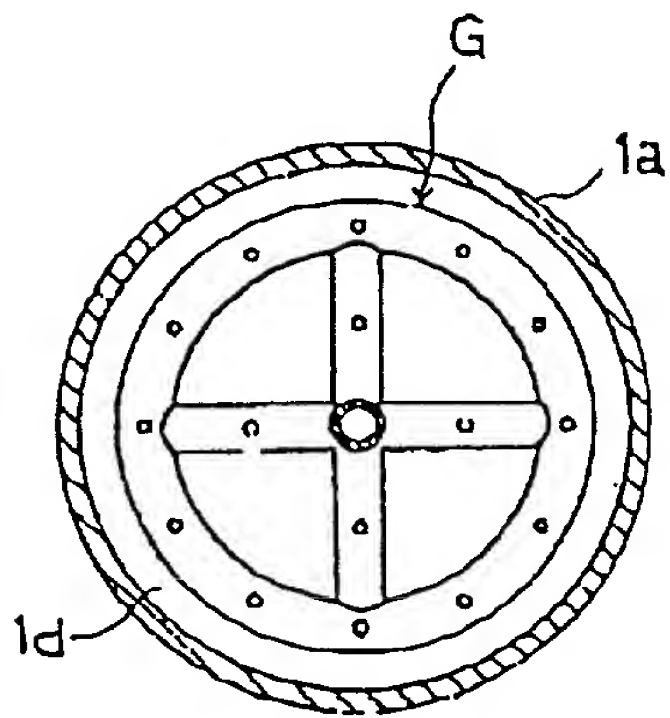


Fig. 7

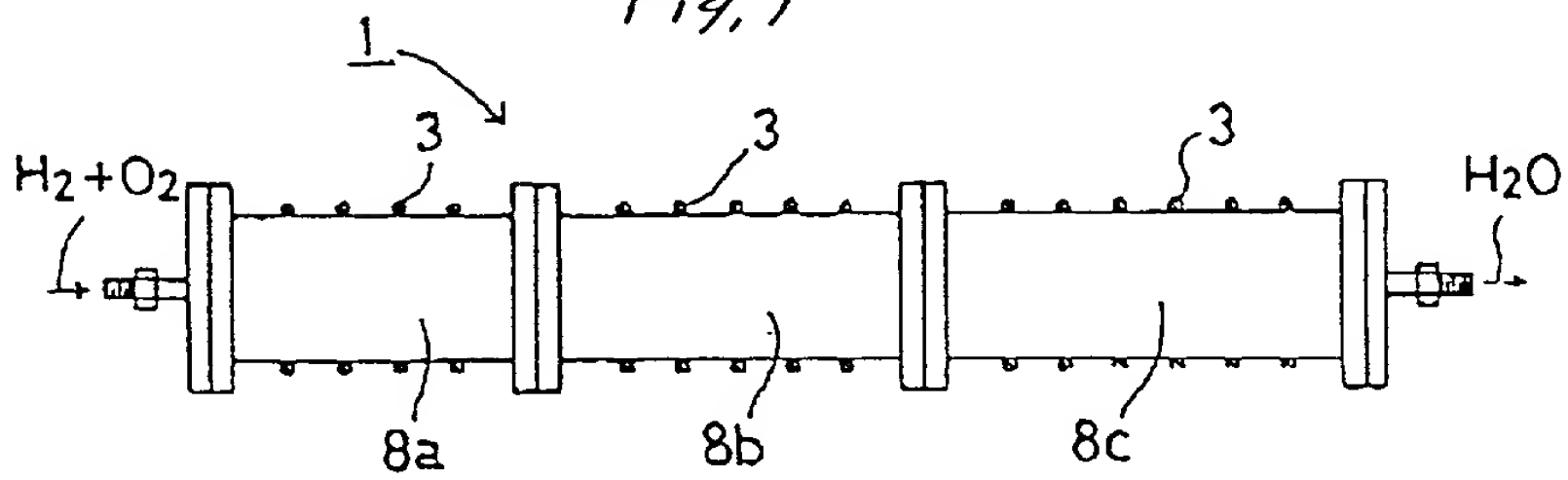


Fig. 8

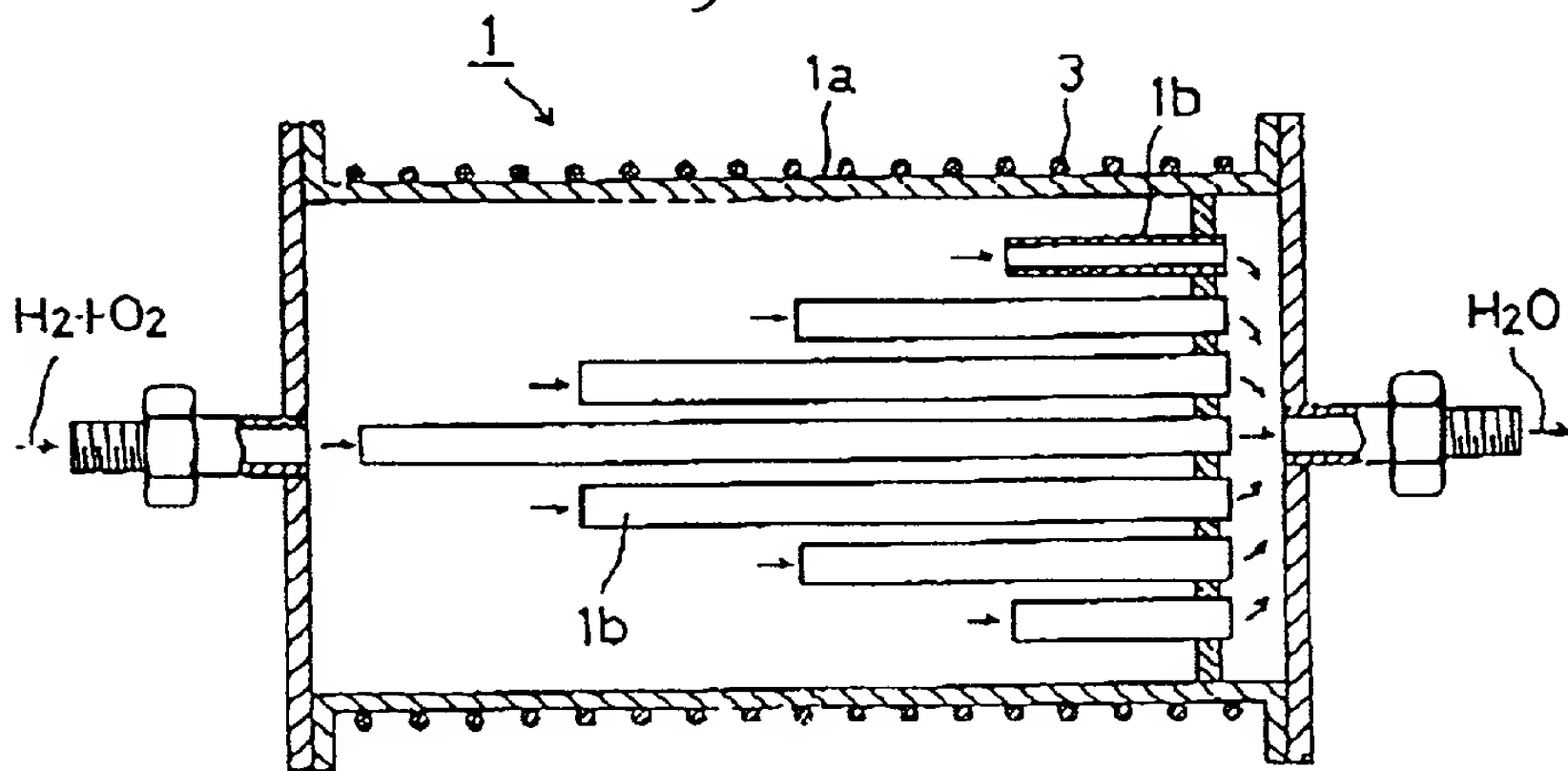
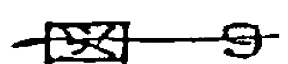
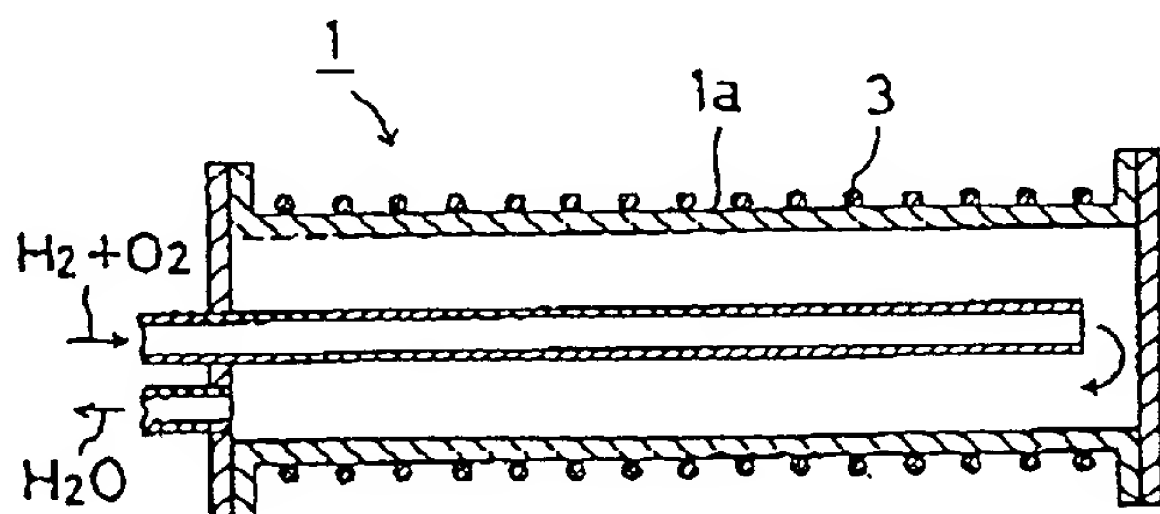


Fig. 9,




~~10~~ Fig. 10

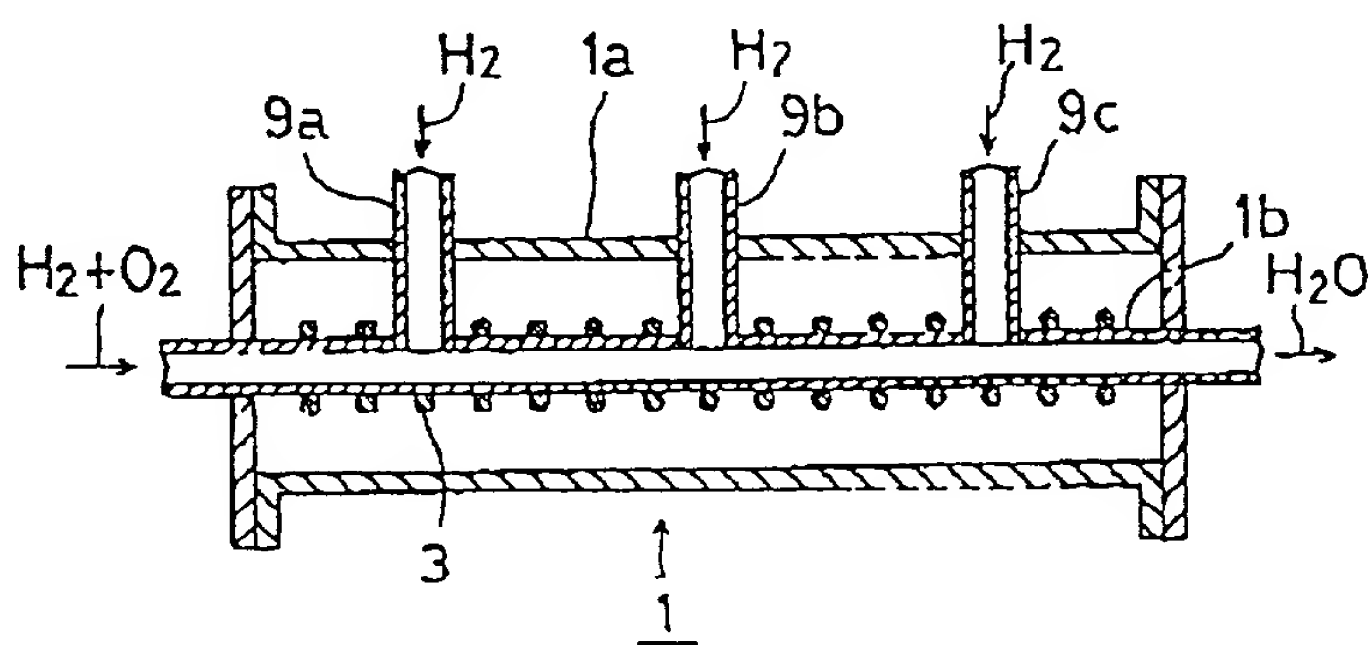


Fig. 11

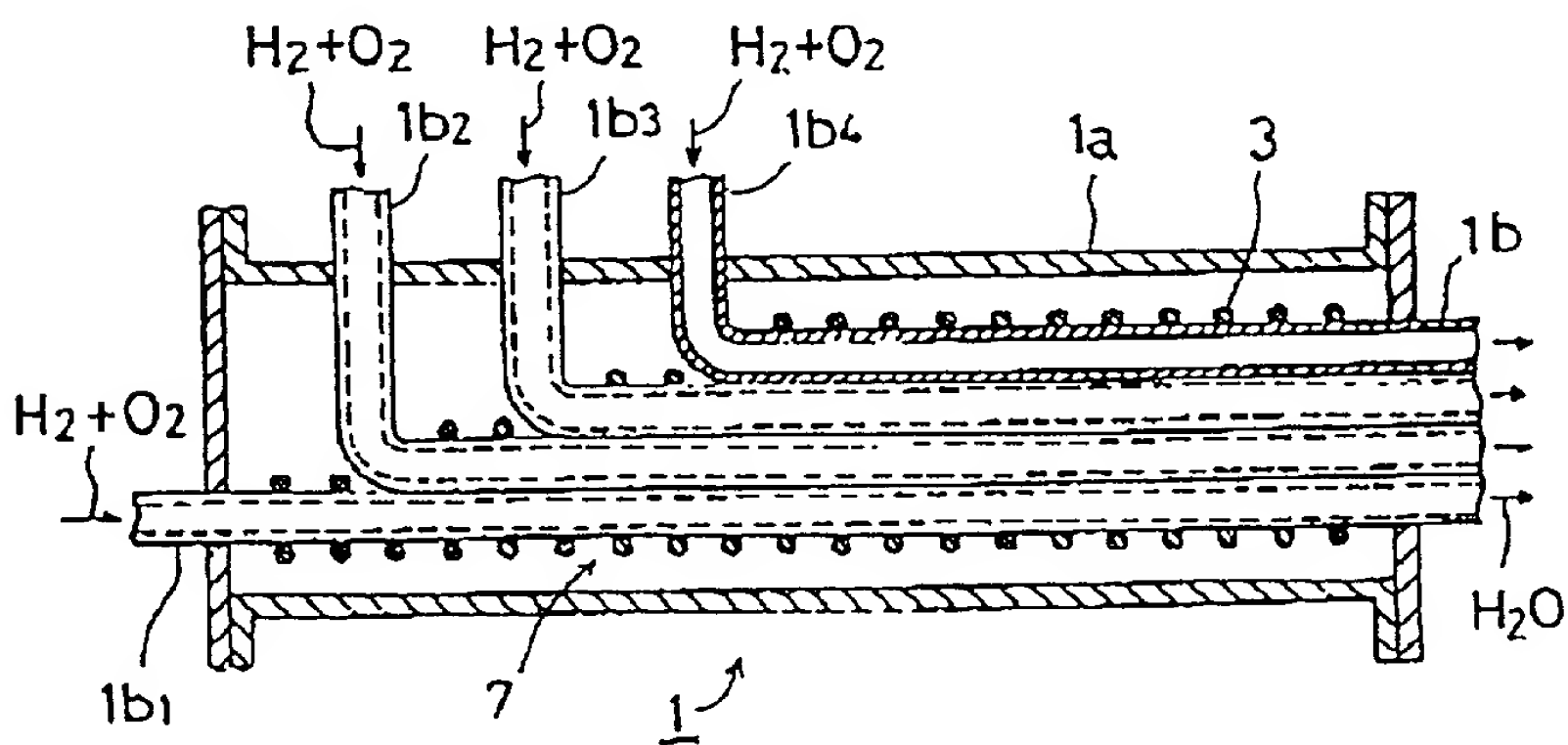
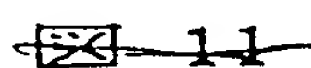
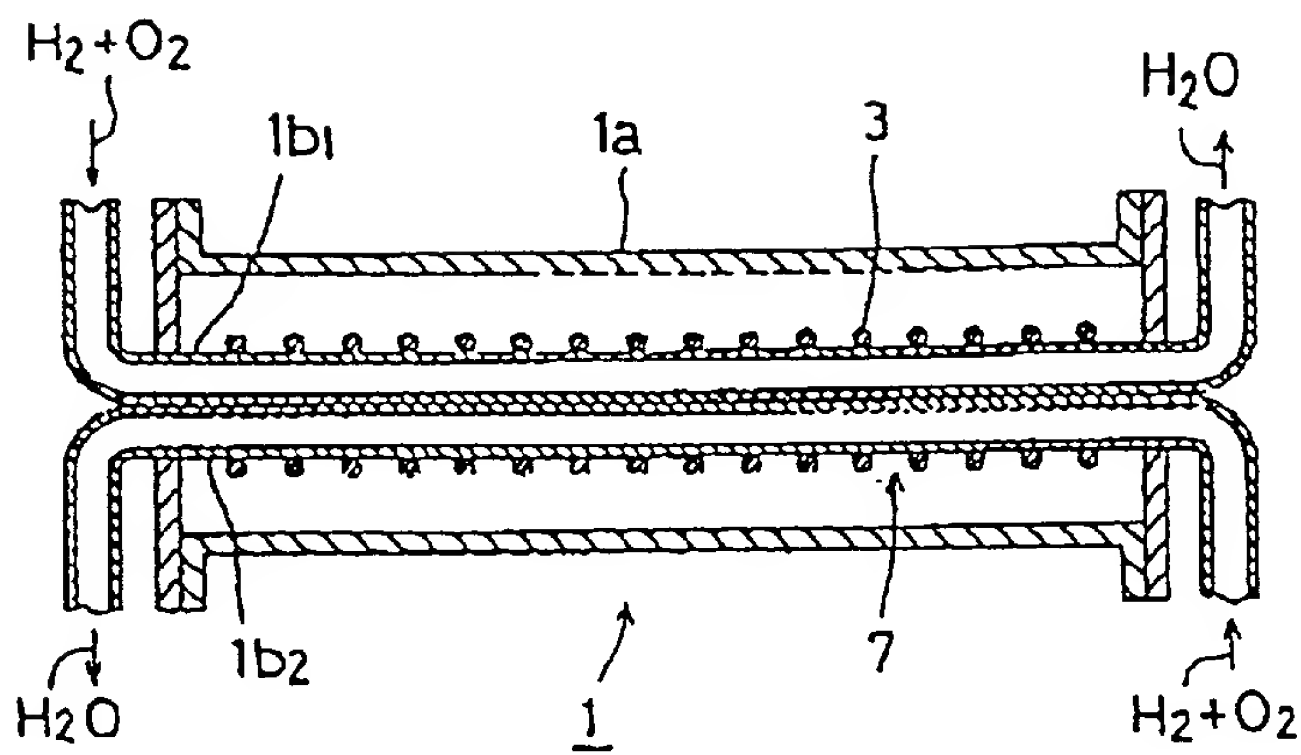


Fig. 12

~~Fig. 12~~



~~Fig. 13~~

Fig. 13

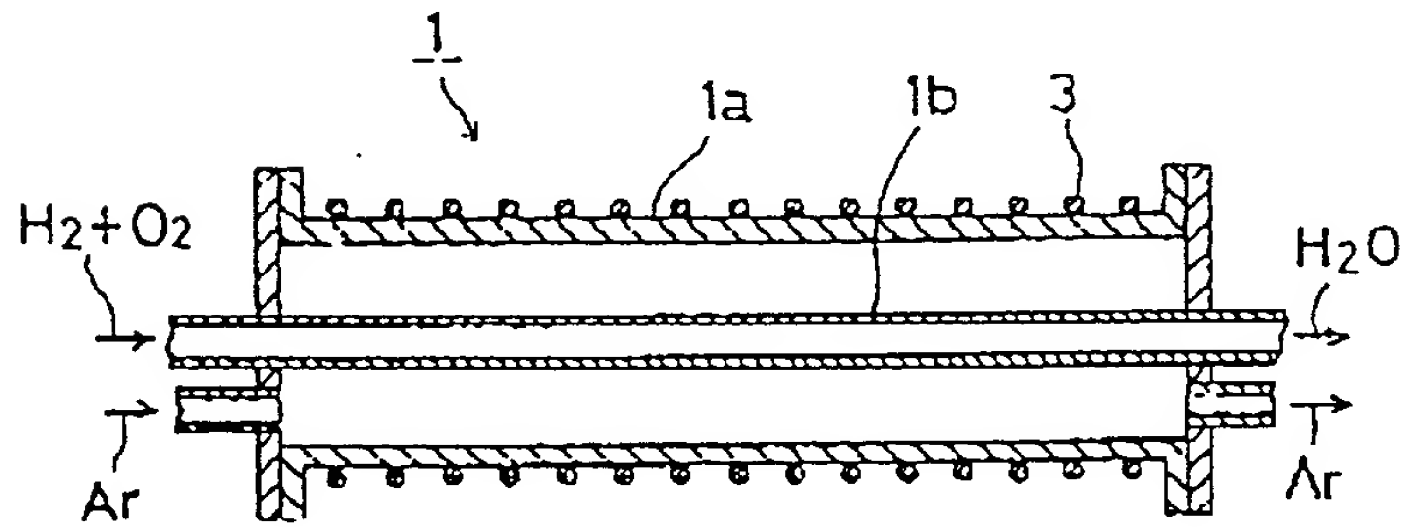


Fig. 14
14

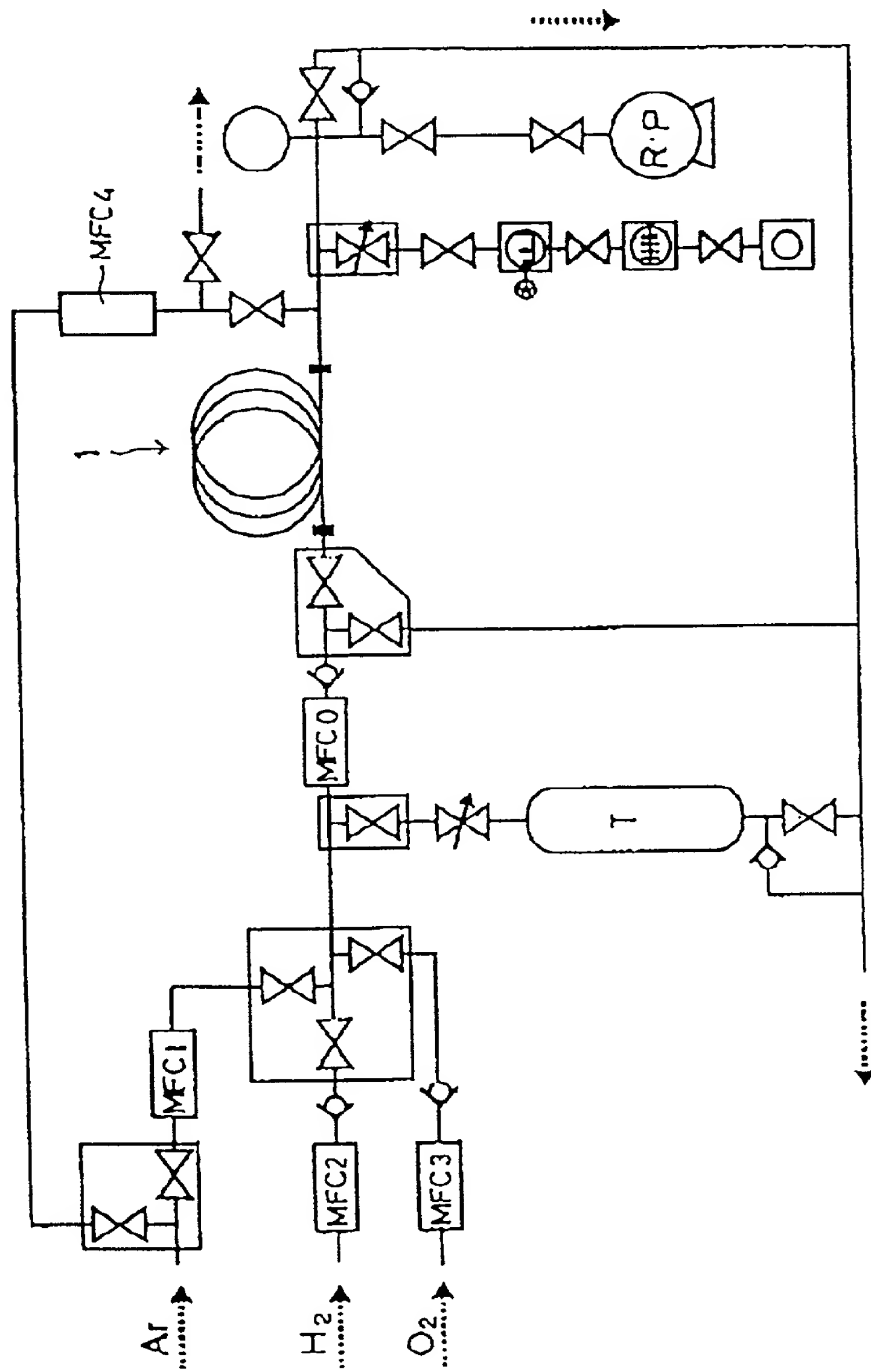


Fig. 15

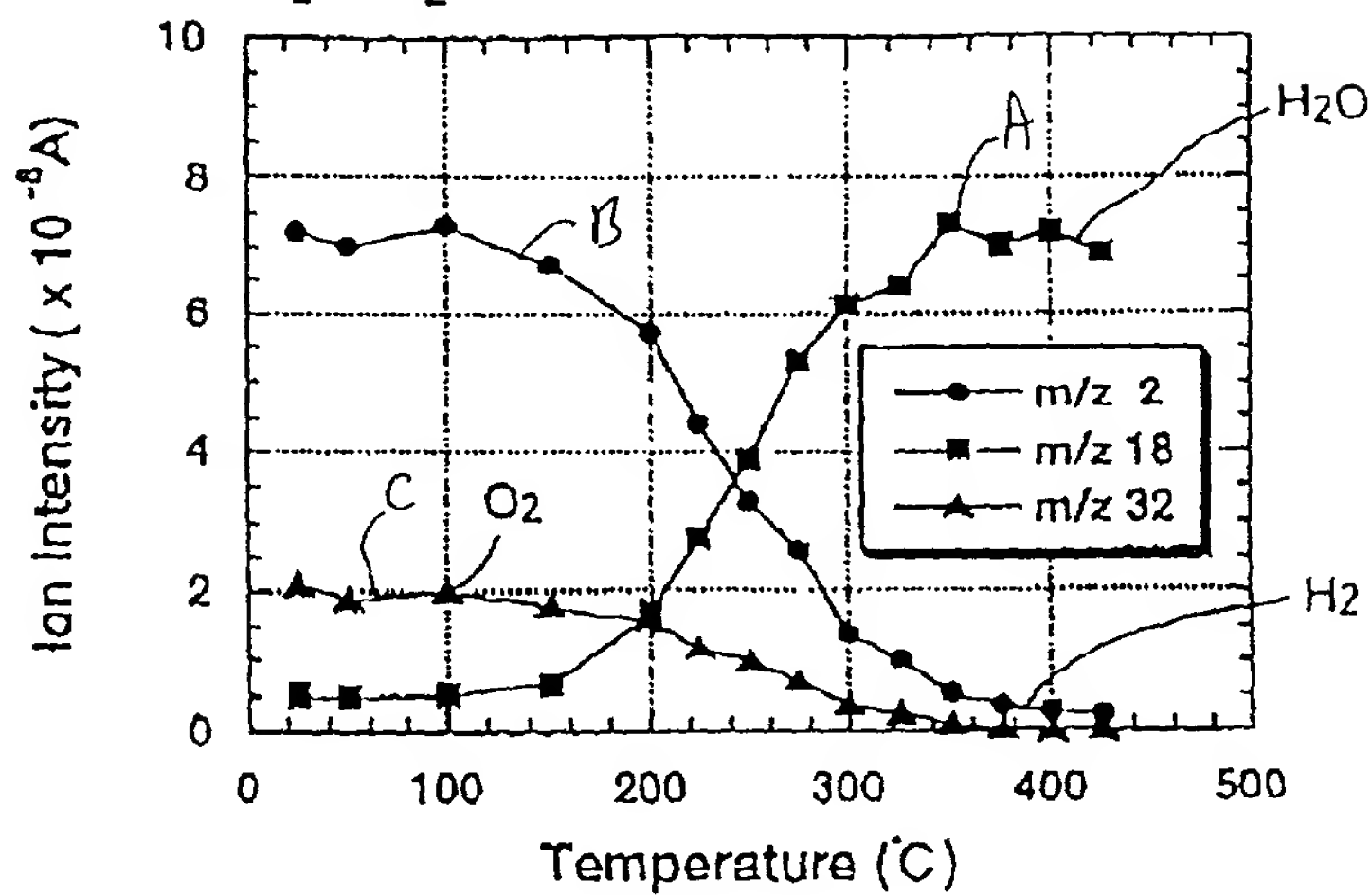
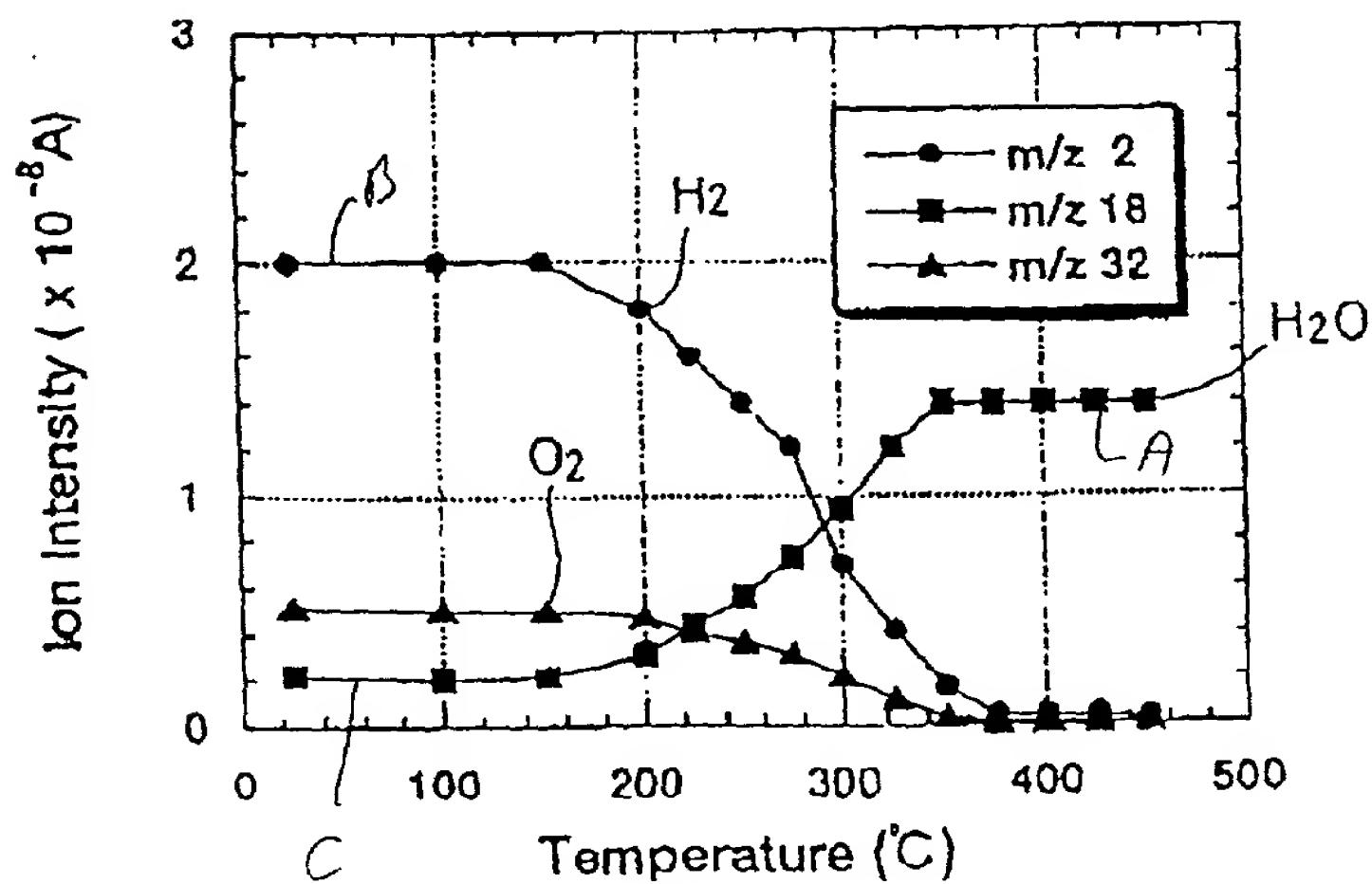
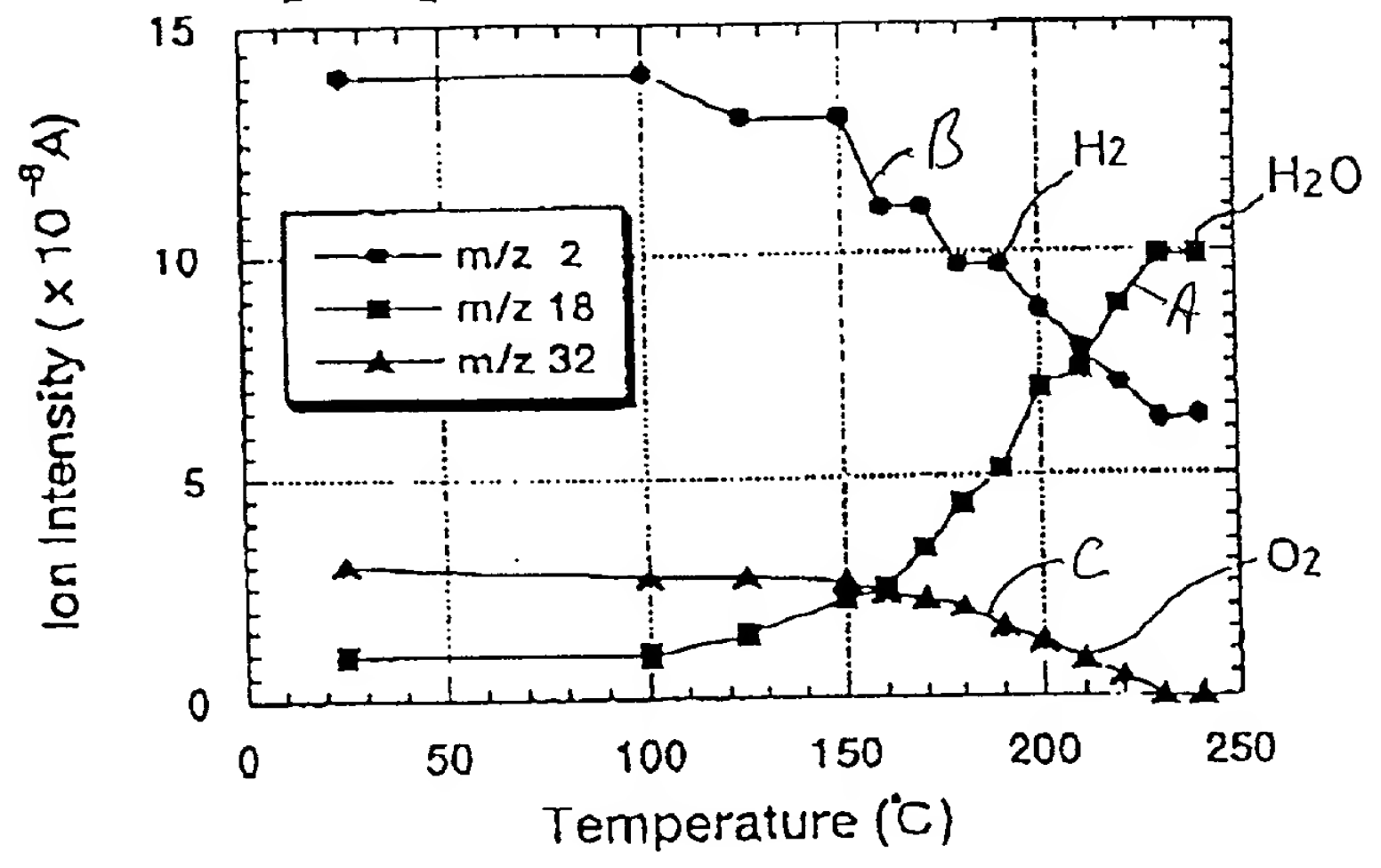
~~Fig. 15~~ $H_2 : O_2 = 67\% : 33\%$, 25scc/min~~Fig. 16~~ Fig. 16 $H_2 : O_2 = 20\% : 10\%$, 75scc/min

Fig. 17
~~Fig. 17~~

$H_2 : O_2 = 75\% : 25\%$, 25scc/min



~~Fig. 18~~ Fig. 18

$H_2 : O_2 = 30\% : 10\%$, 25scc/min

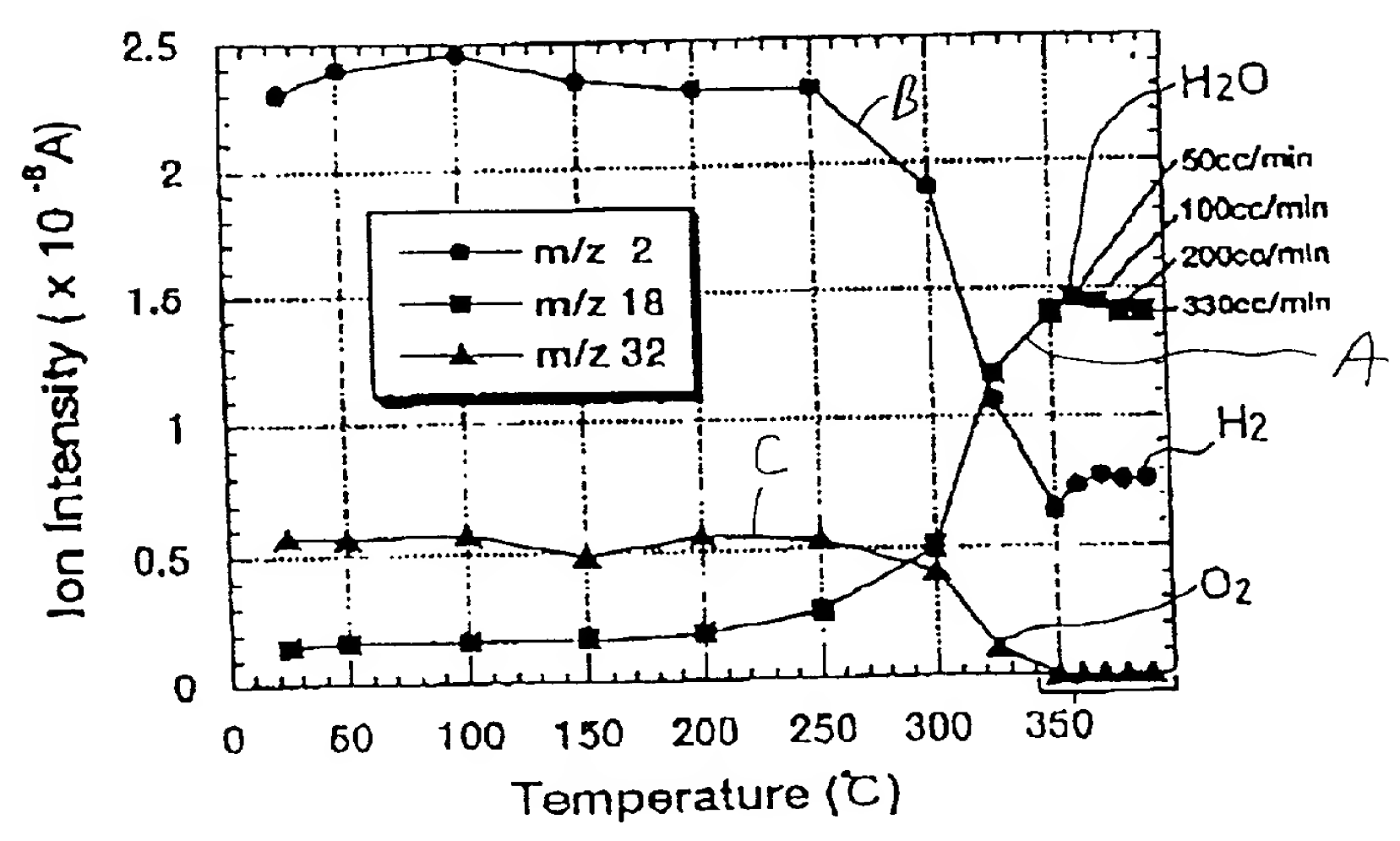
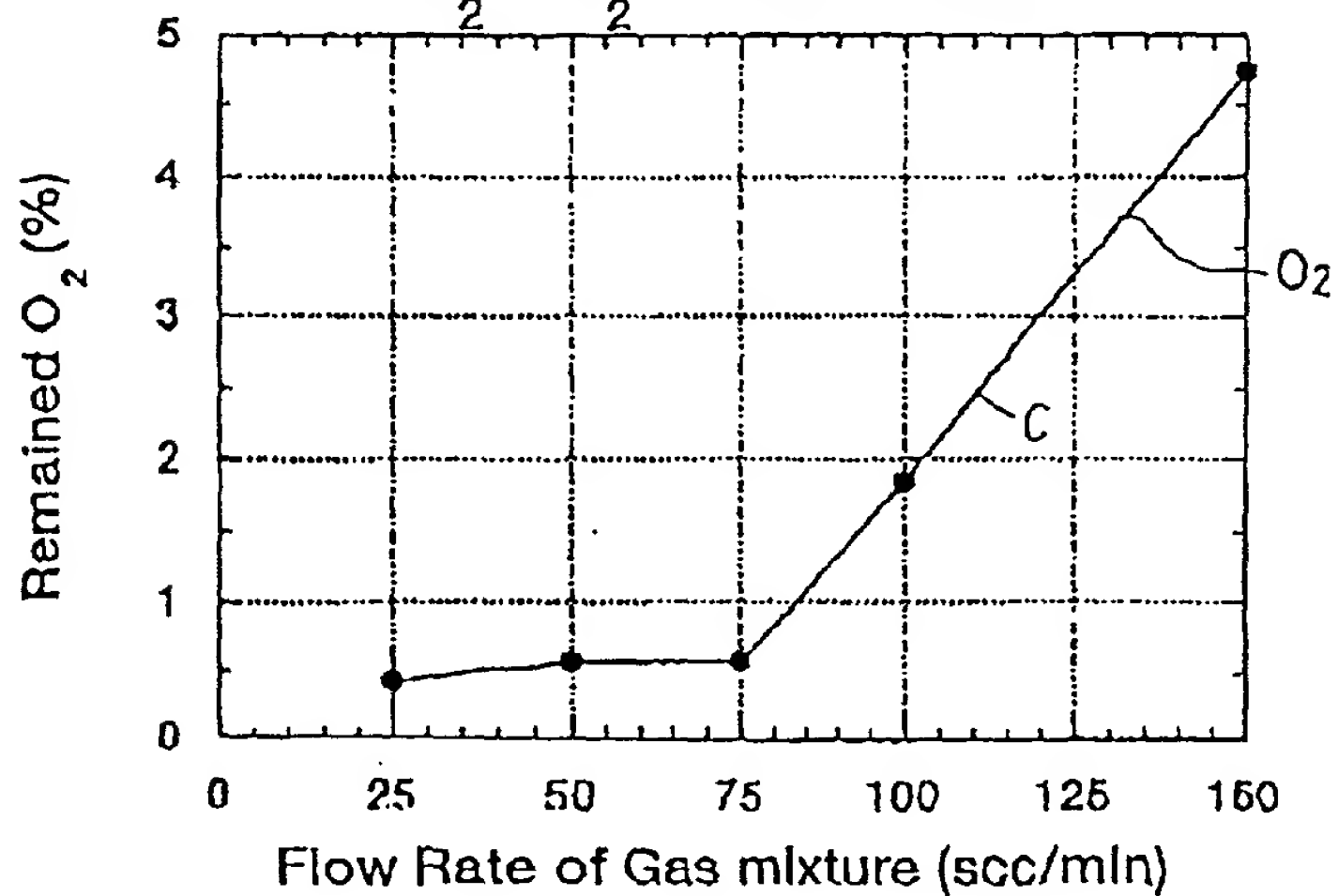


Fig. 19
~~Fig. 19~~

Ni Tube (1/4 inch x 2m) , 500°C
 $H_2 : O_2 = 67\% : 33\%$



~~Fig. 20~~ Fig. 20

Ni Filter

$H_2 : O_2 = 67\% : 33\%$, 25scc/min

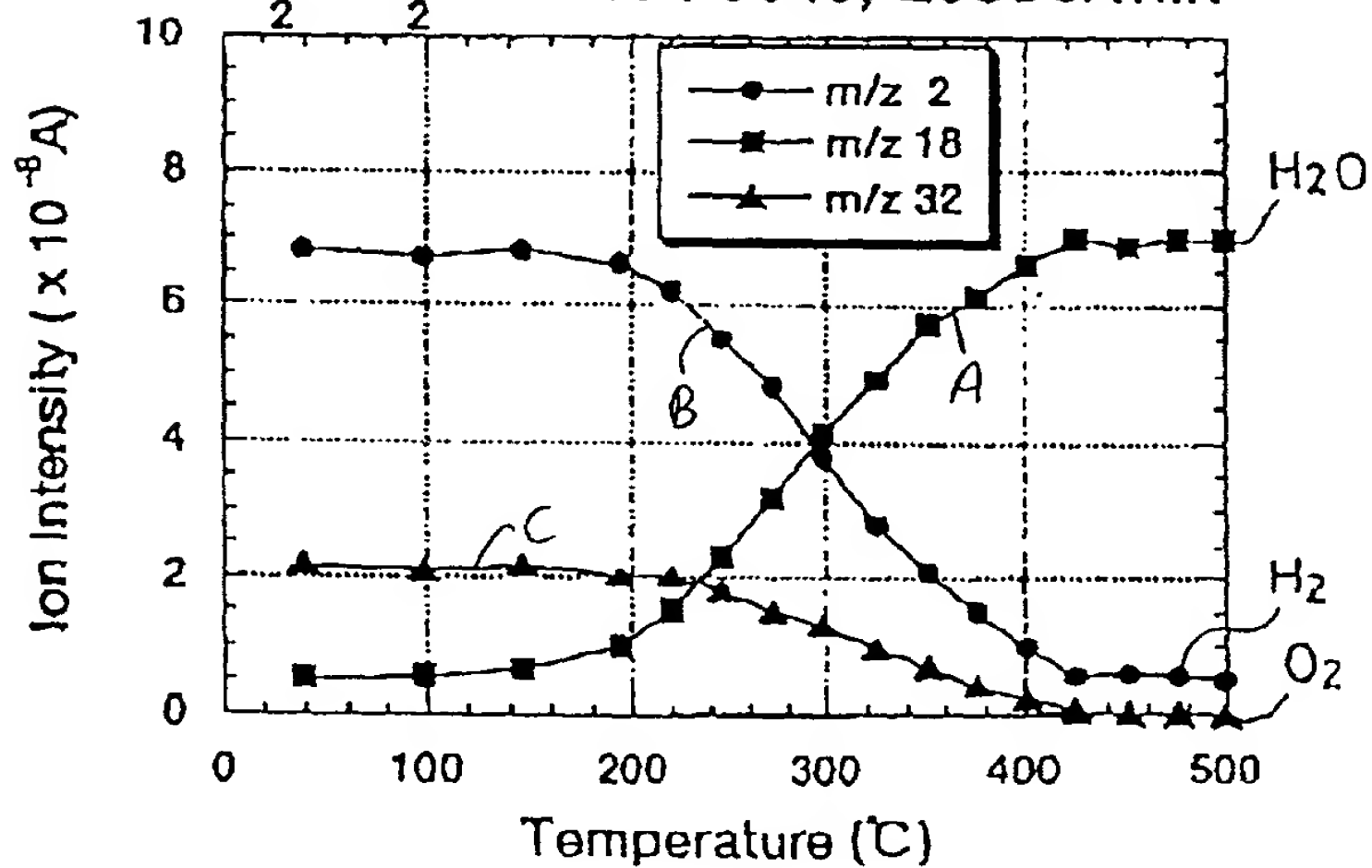
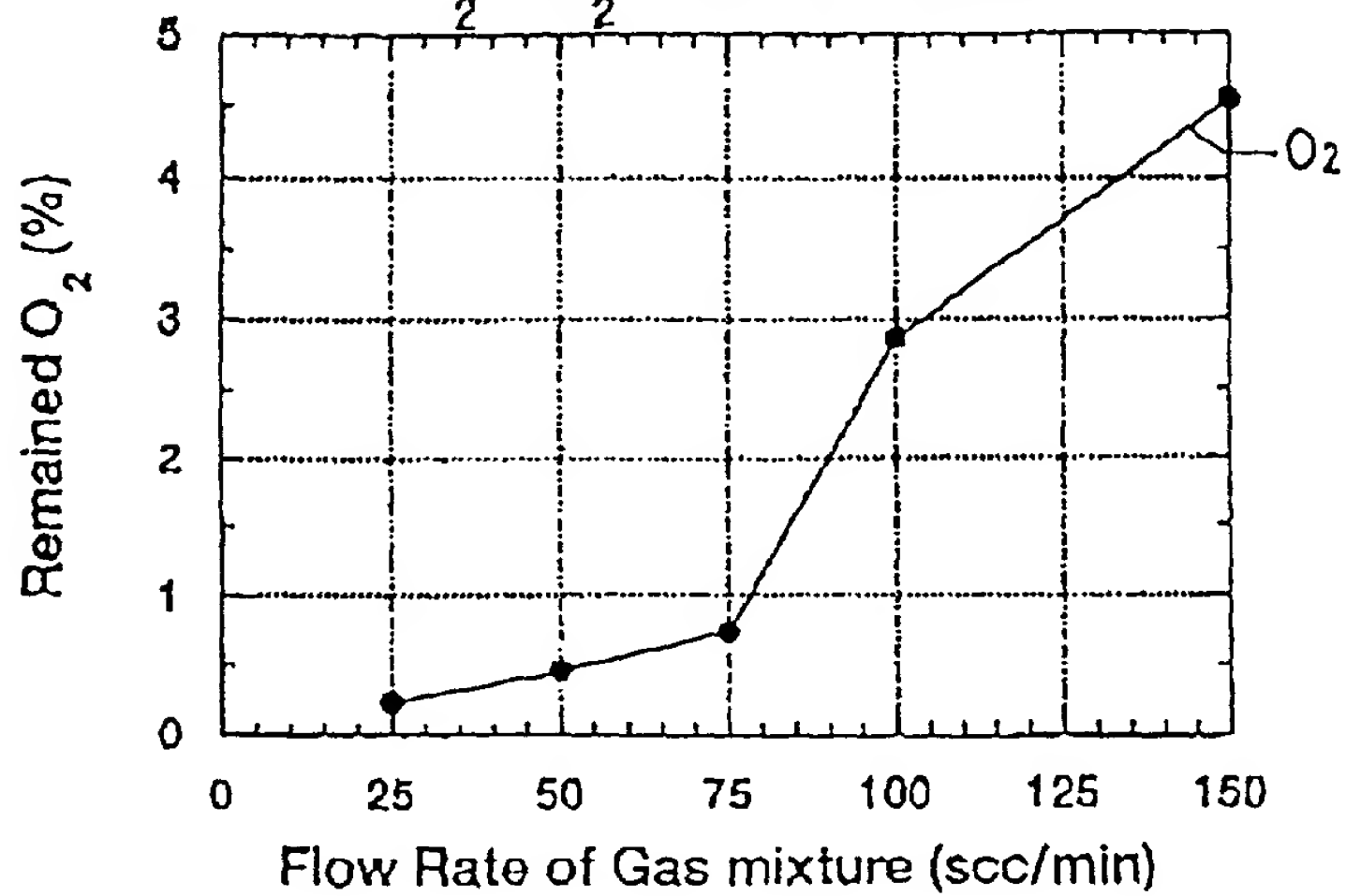


Fig. 2/

Fig. 2/

Ni Filter, 500°C
 $H_2 : O_2 = 67\% : 33\%$



~~Fig. 22~~

Fig. 22

Ni Ribbon (t 0.3 x 20 x 1000mm)

H₂ : O₂ = 67% : 33%, 25scc/min

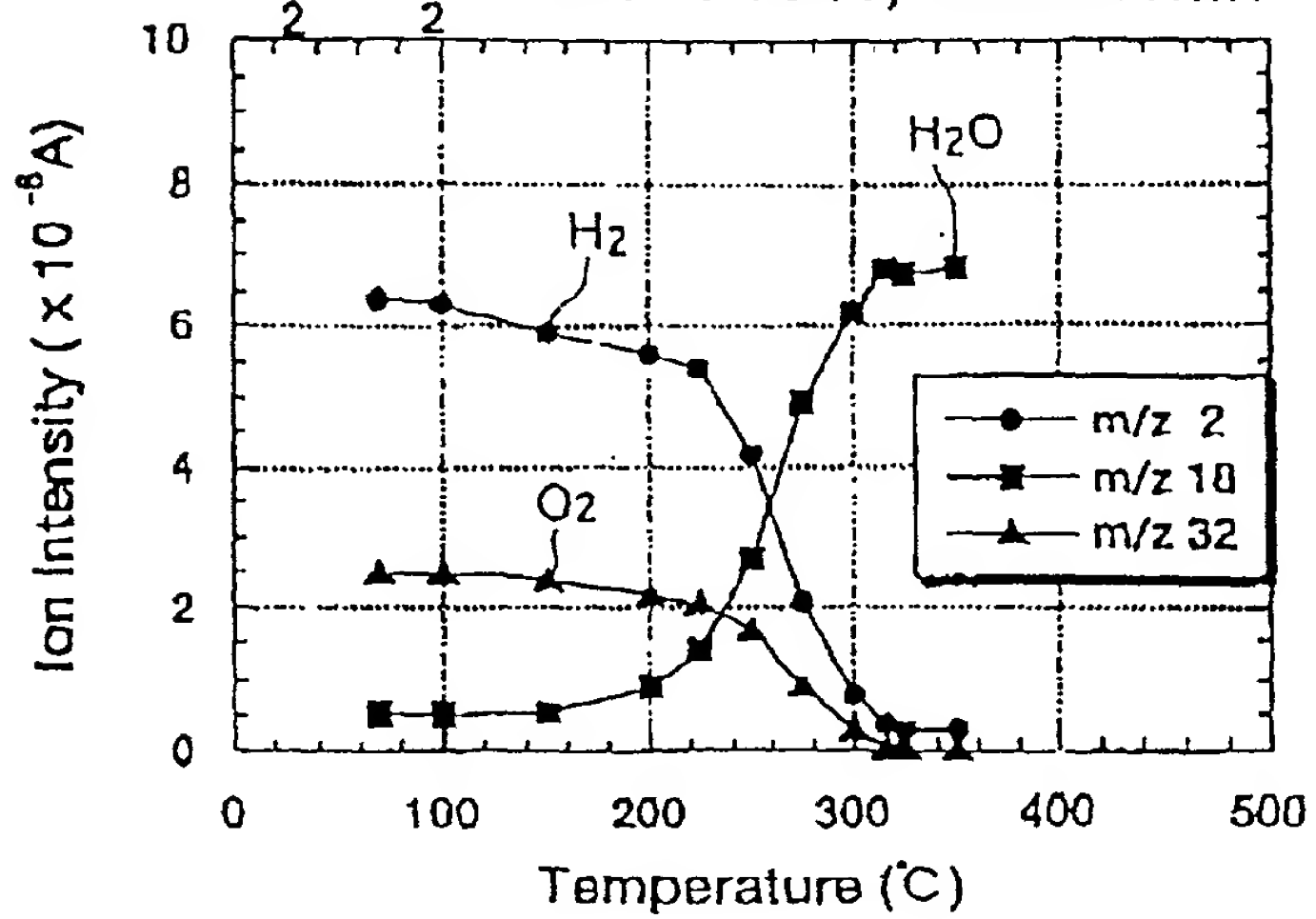
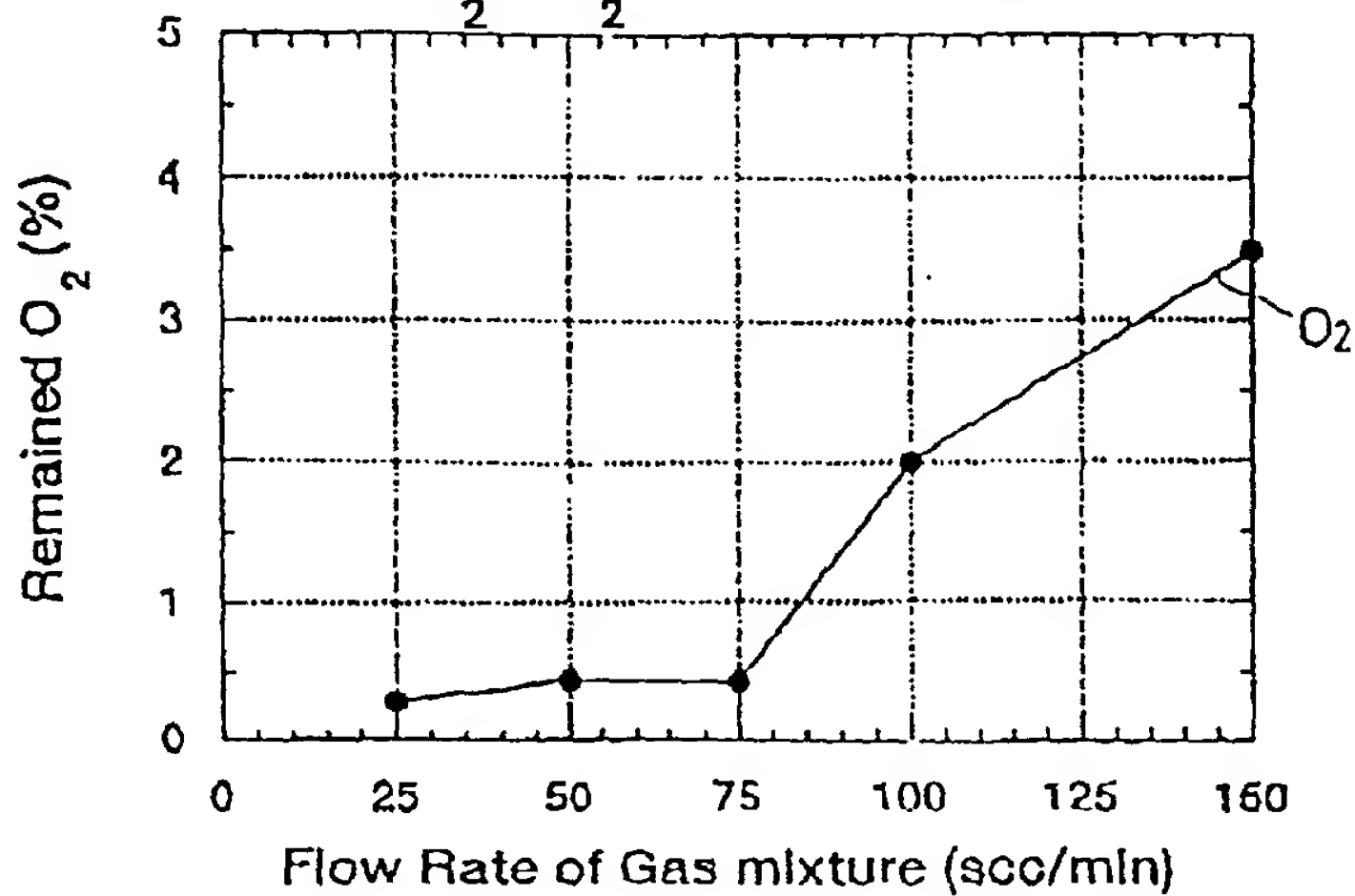
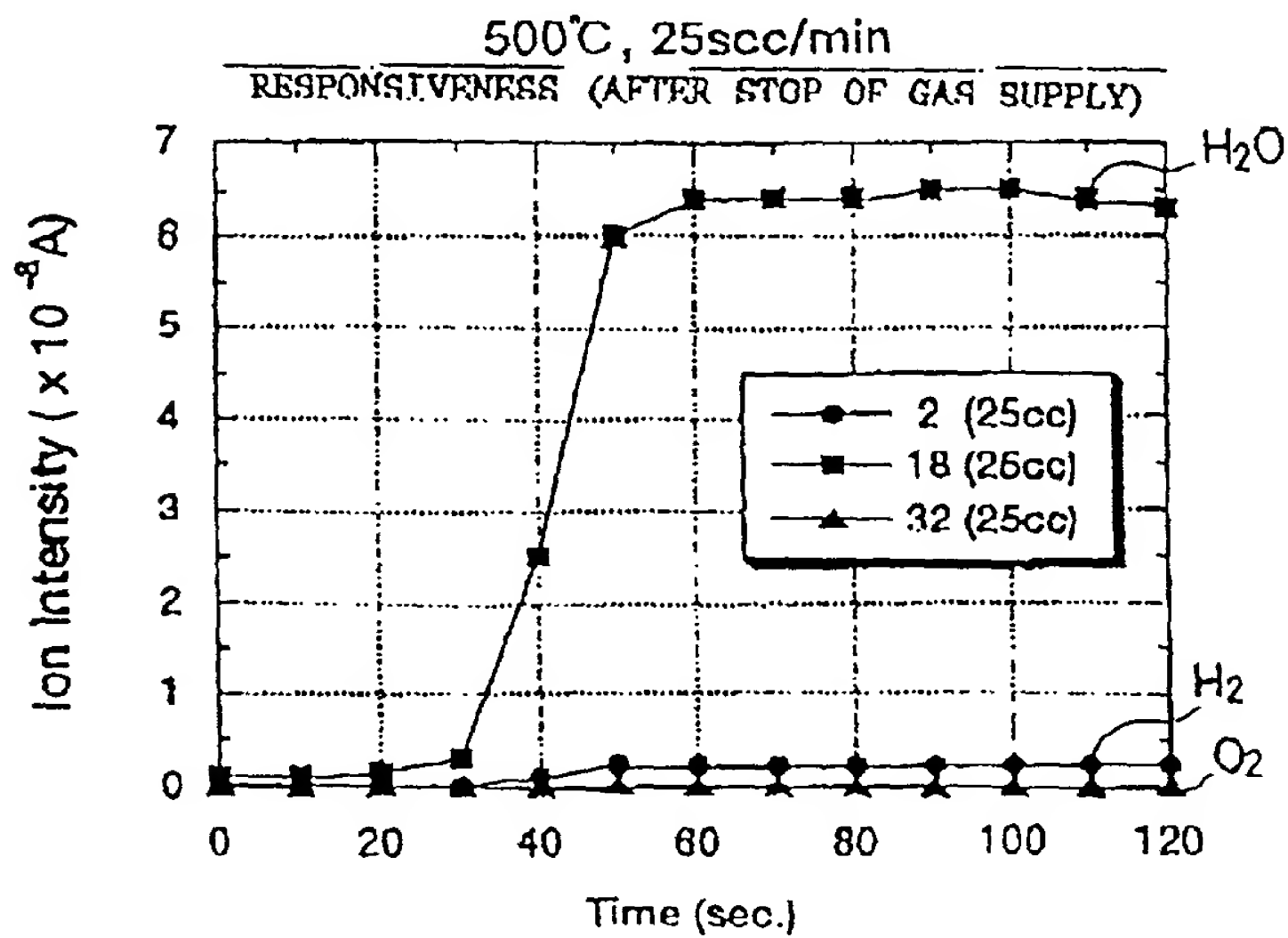


Fig. 23
~~Fig. 23~~

Ni Ribbon (t 0.3 x 20 x 1000mm), 500°C
H₂ : O₂ = 67% : 33%

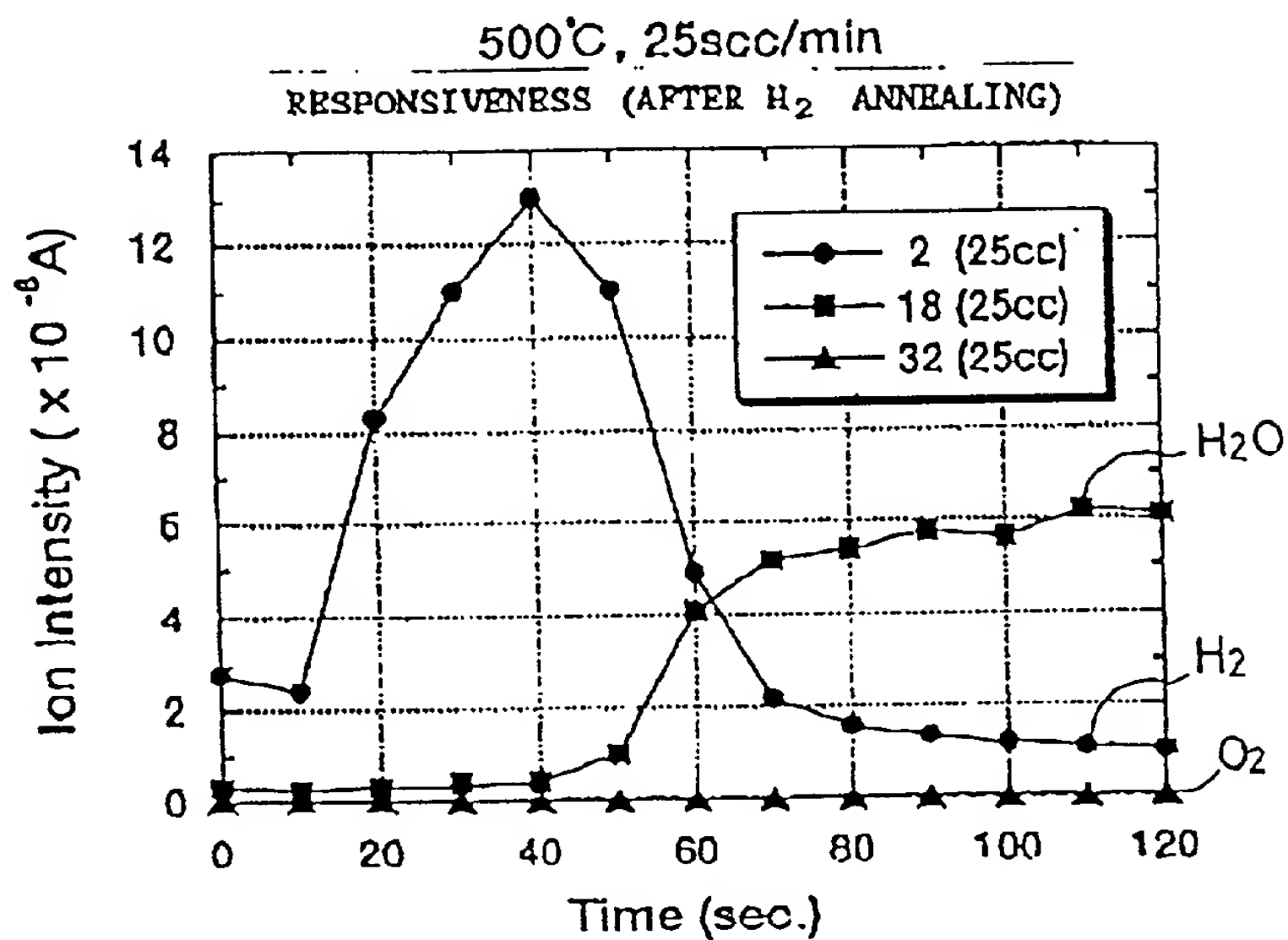


~~Fig. 24~~ Fig. 24



P19, 25

~~Fig. 25~~



~~Fig. 26~~ Fig. 26

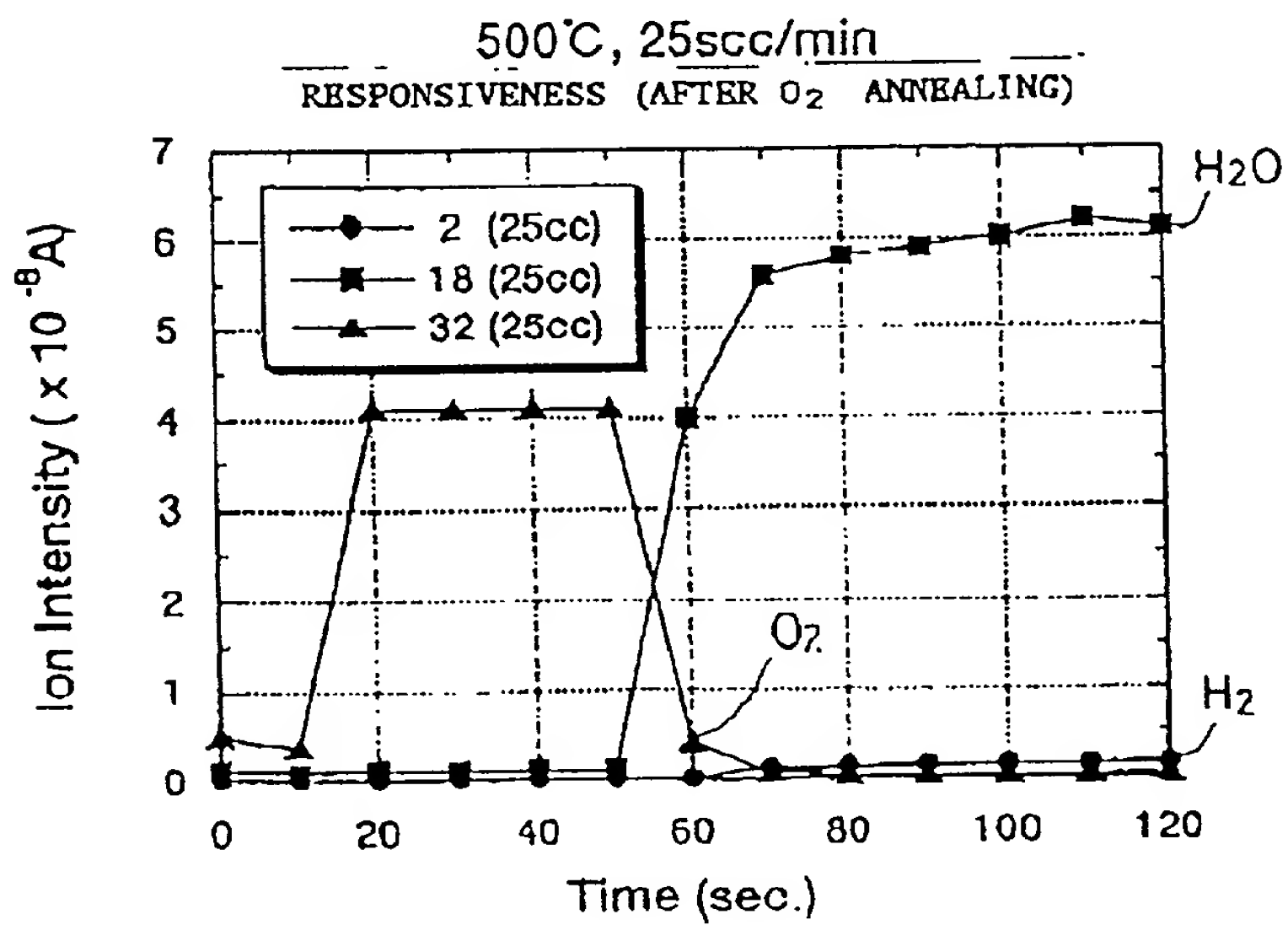


Fig. 27

~~27~~

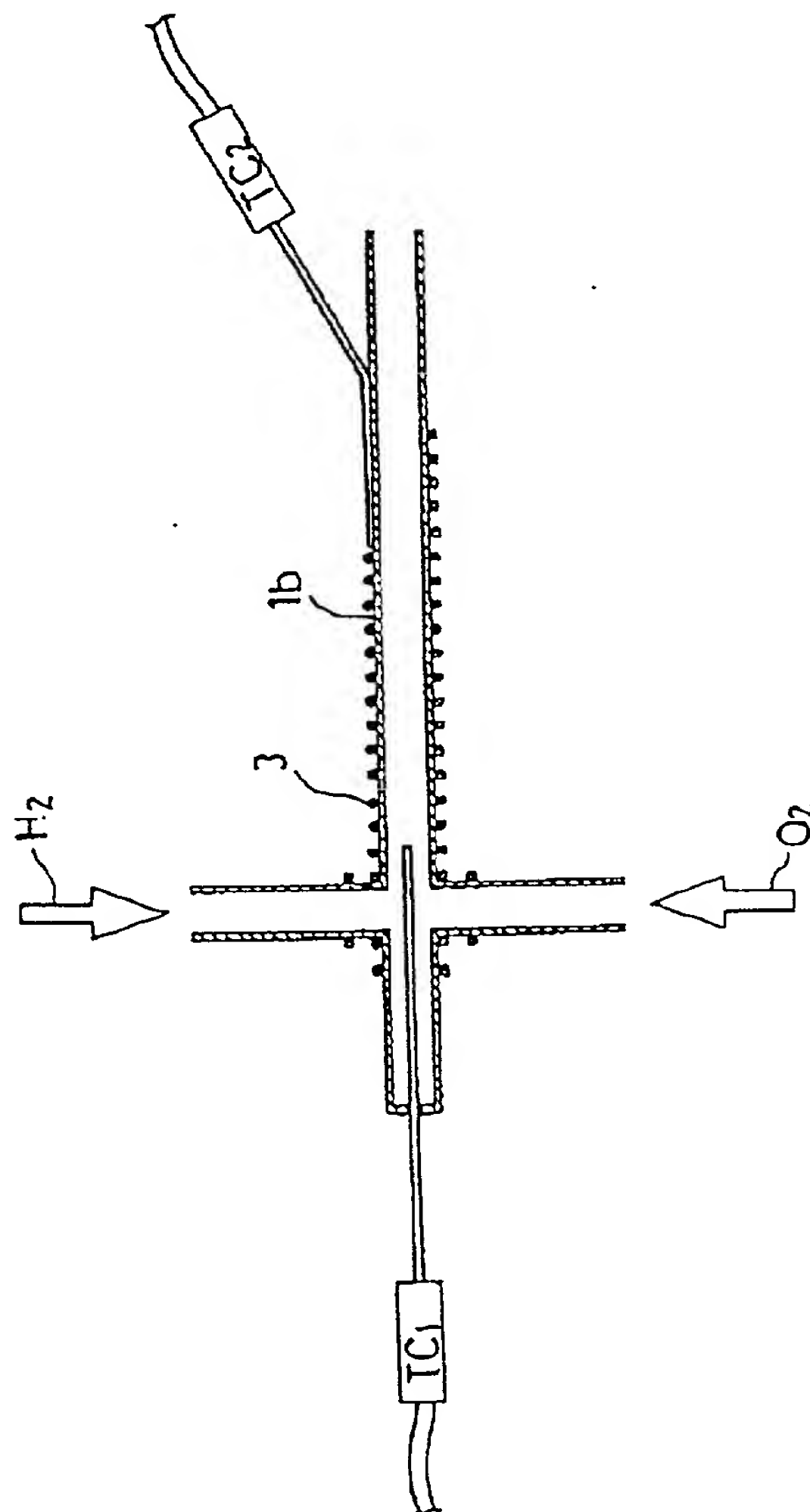


Fig. 28

~~28~~

$H_2: O_2 = 2:1$

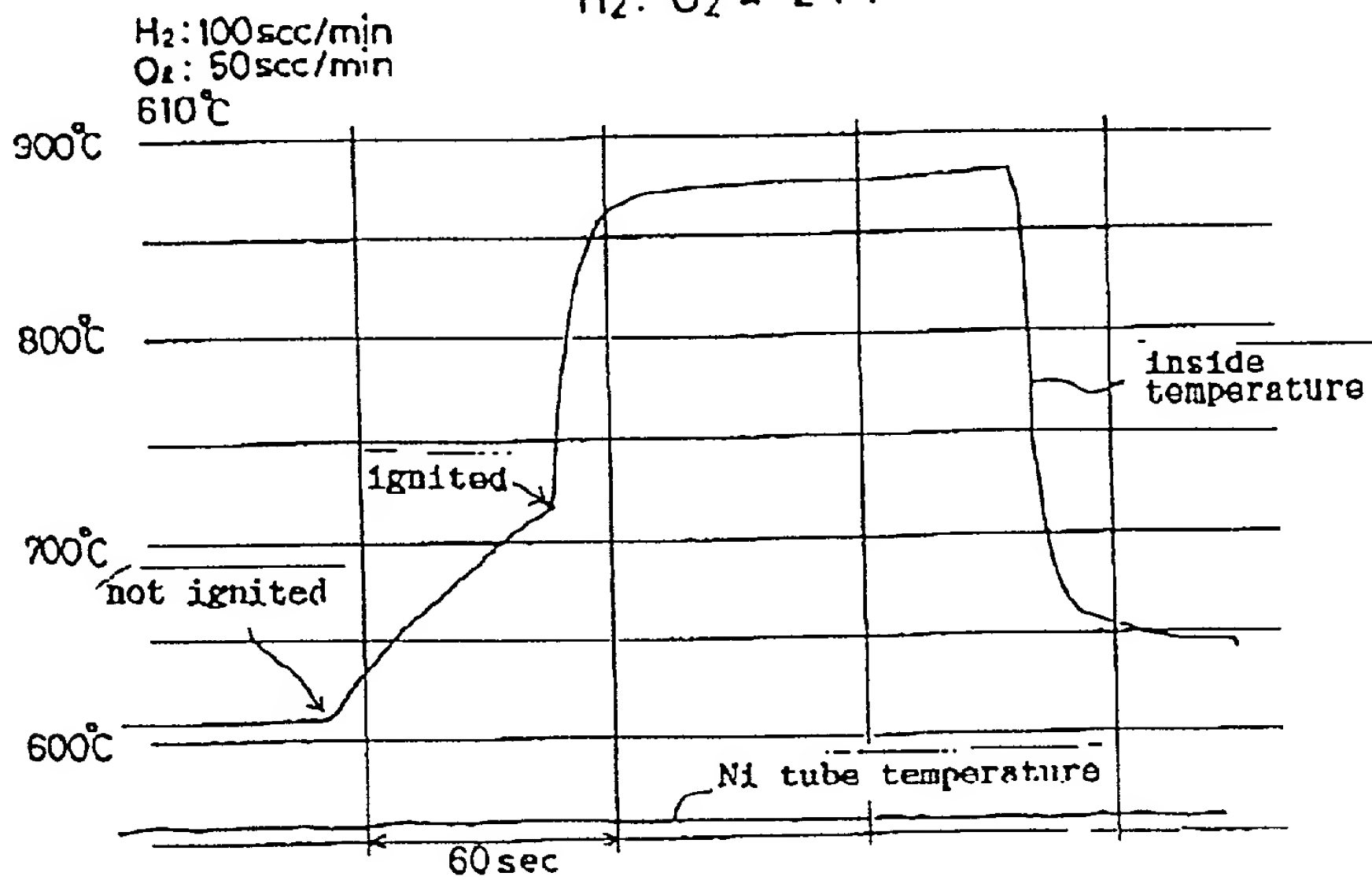
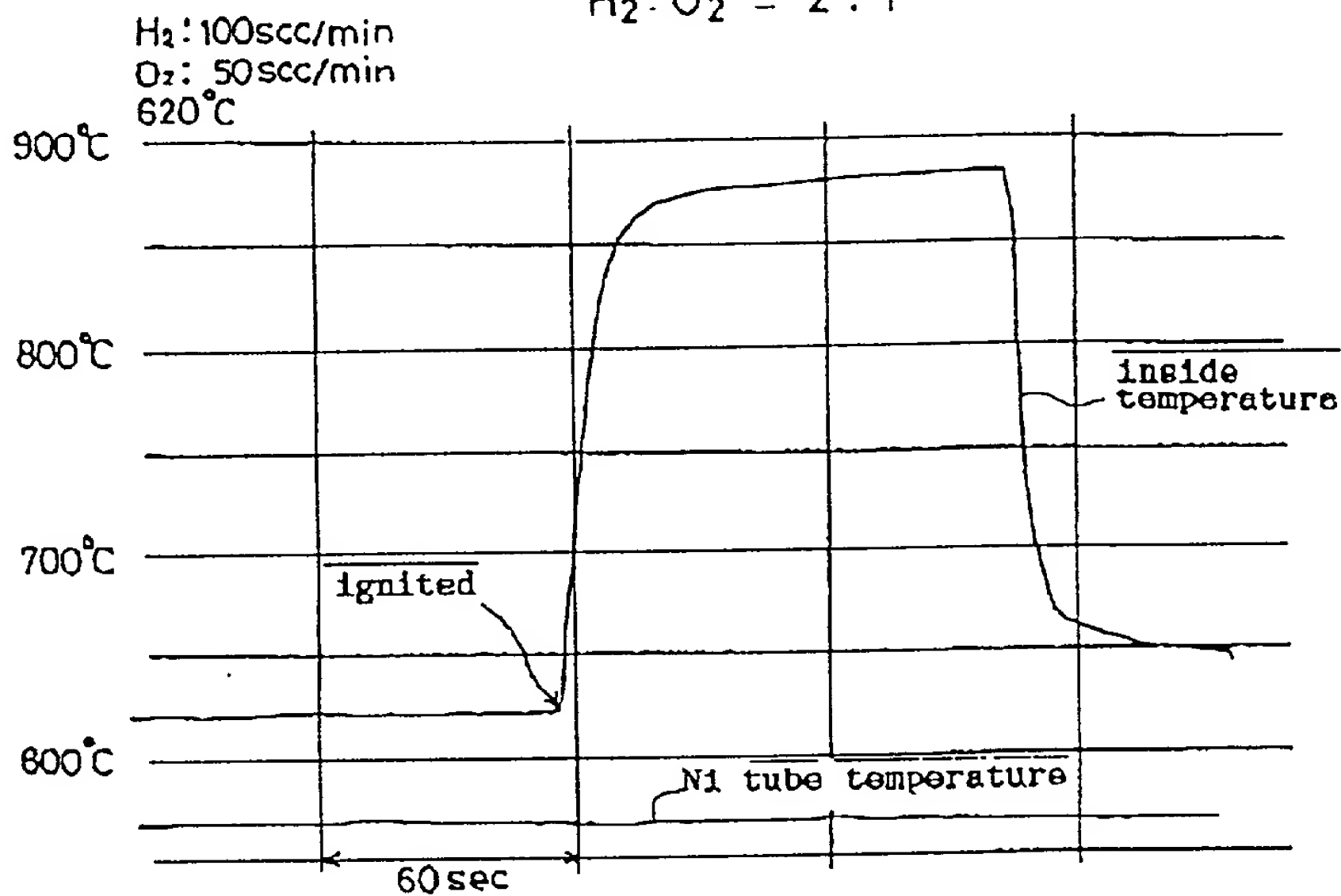


Fig. 29

~~Fig. 29~~

$H_2 : O_2 = 2 : 1$



~~Fig. 30~~ Fig. 30

$H_2 : O_2 = 3 : 1$

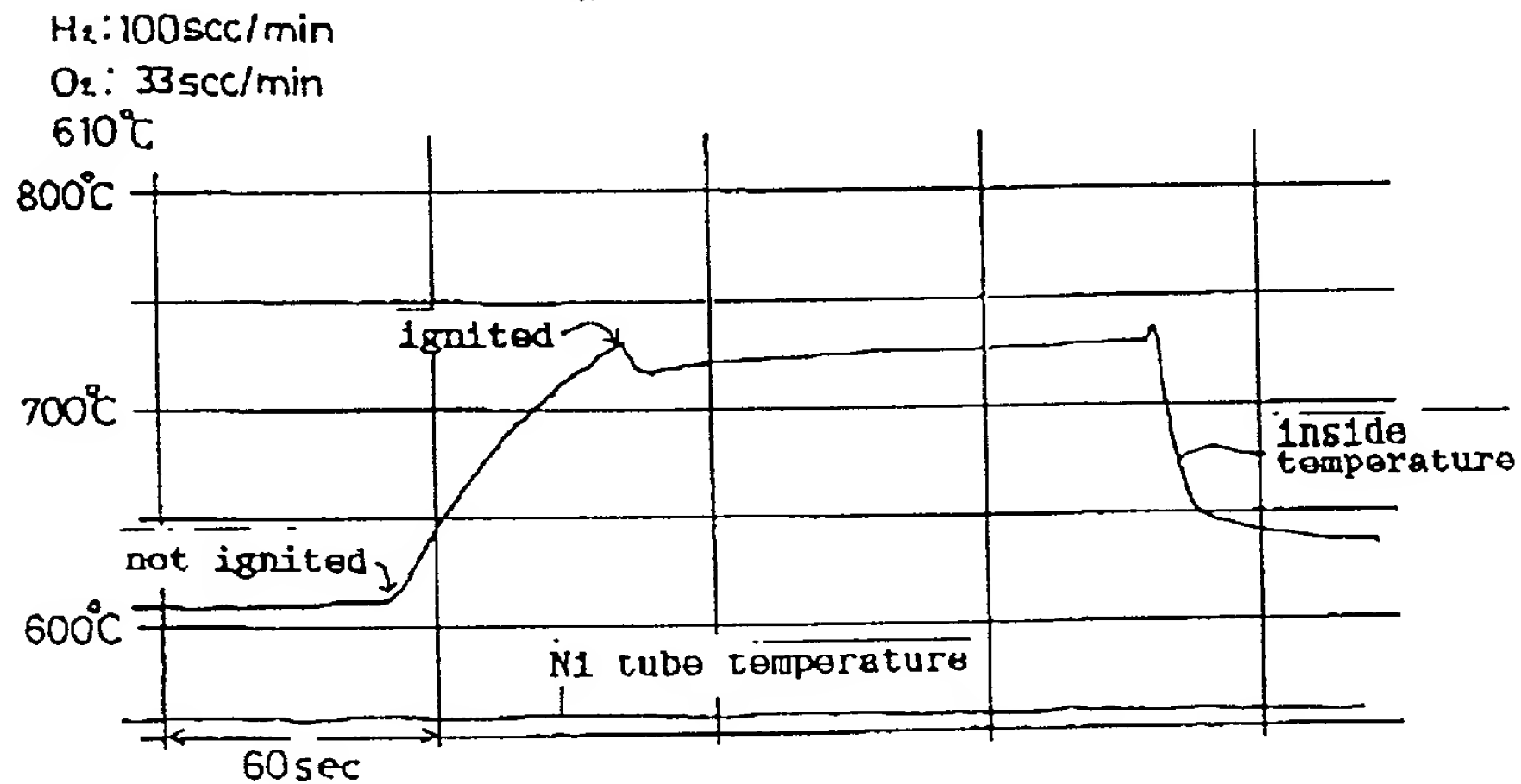
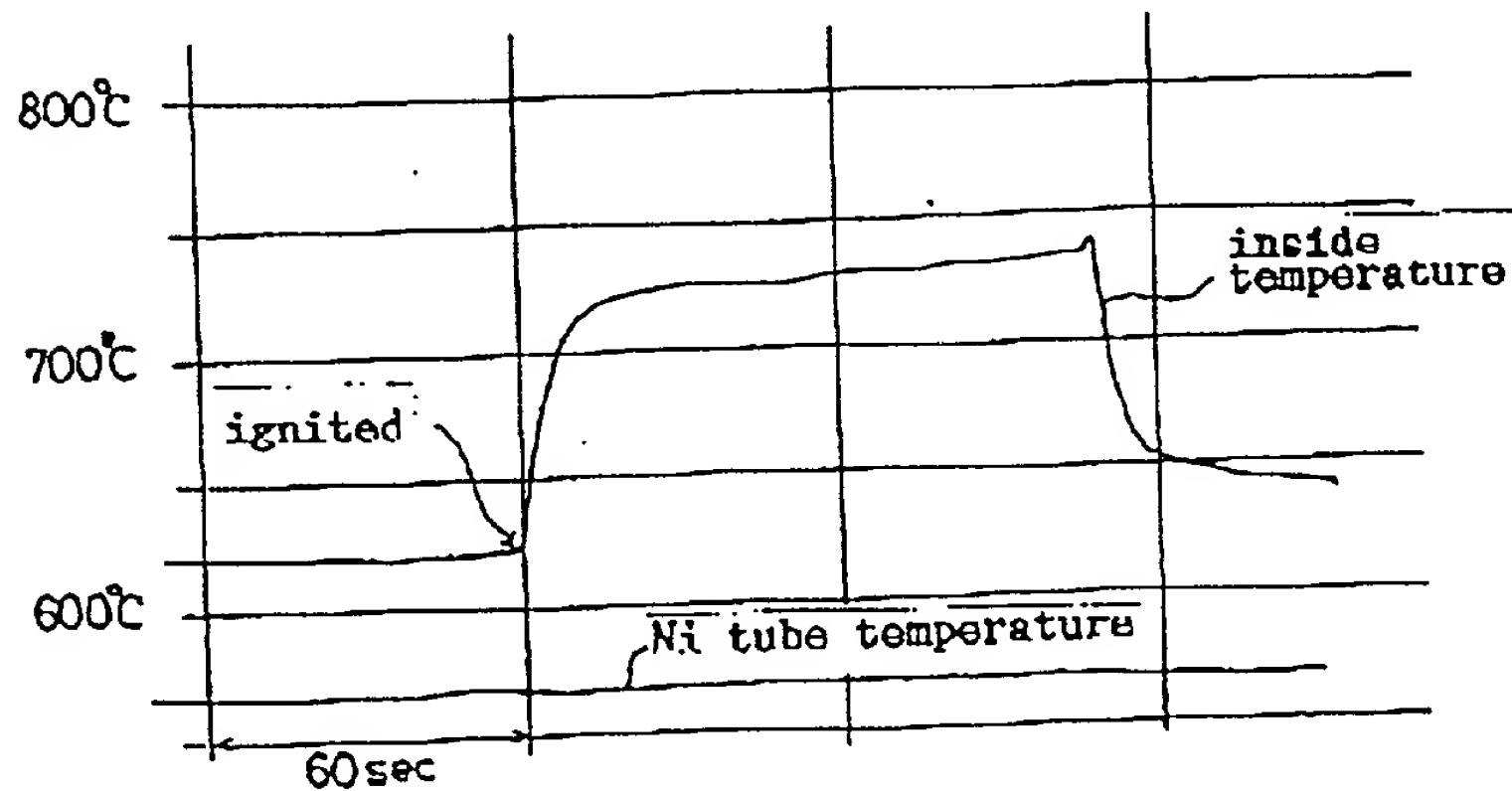


Fig. 3)

~~Fig. 3)~~

H₂: 100 scc/min
O₂: 33 scc/min
620°C

H₂: O₂ = 3 : 1



TOP SECRET

Fig. 32

~~Fig. 32~~

$H_2 : O_2 = 4 : 3$

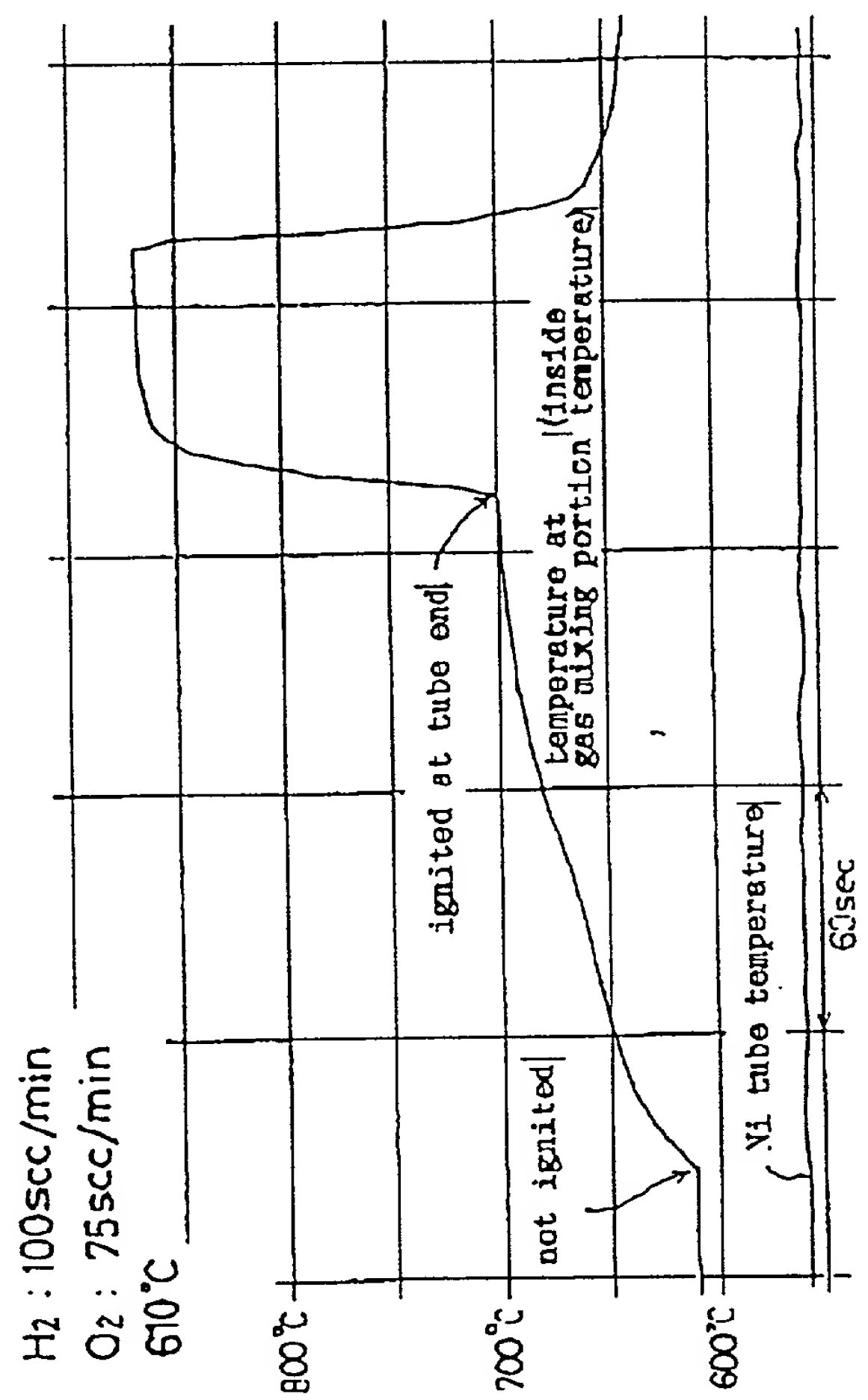
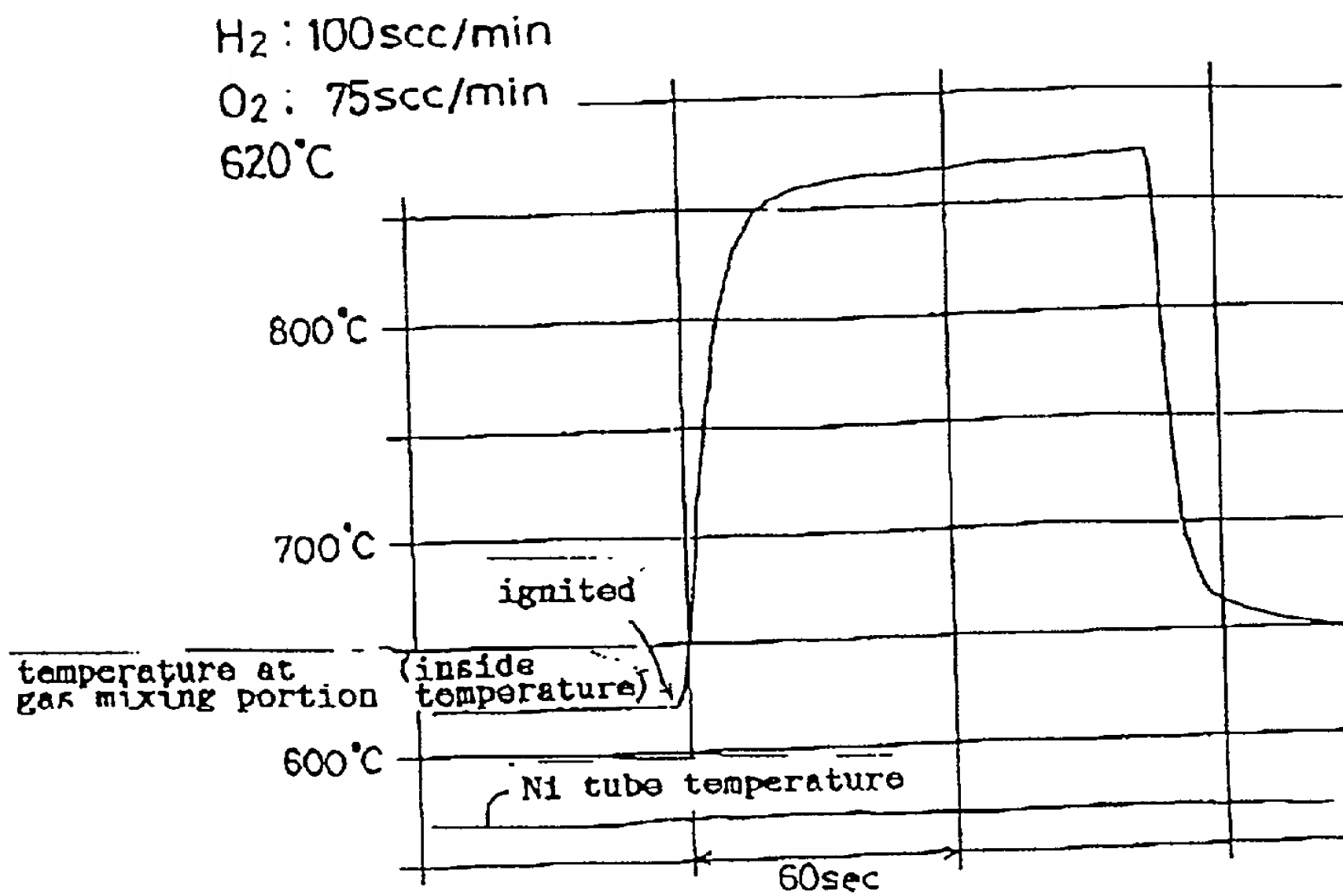


Fig. 33
~~Fig. 33~~



~~Fig. 34~~
 Fig. 34

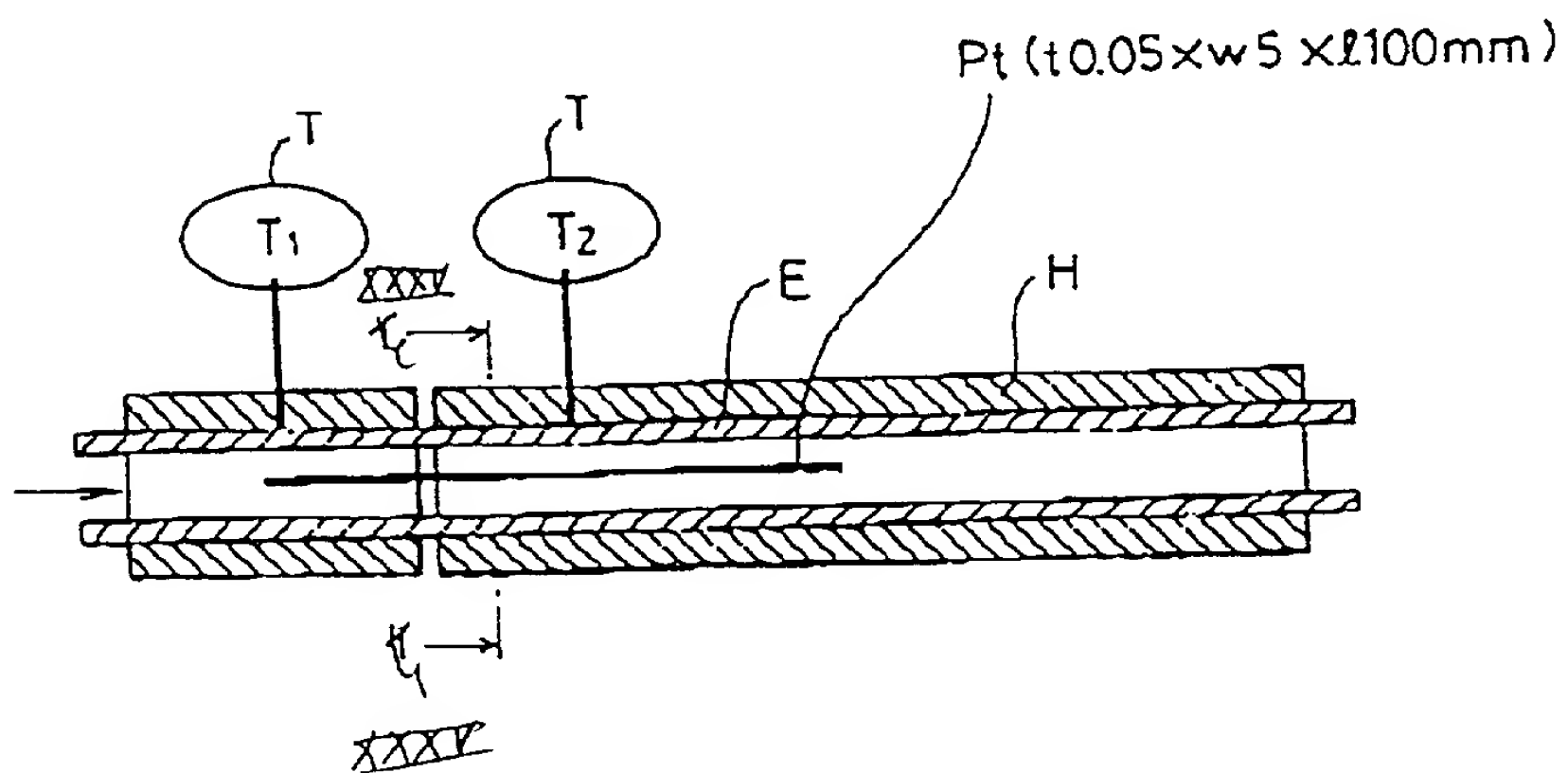
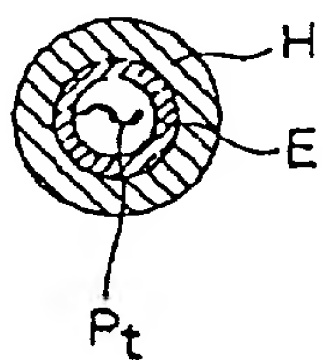
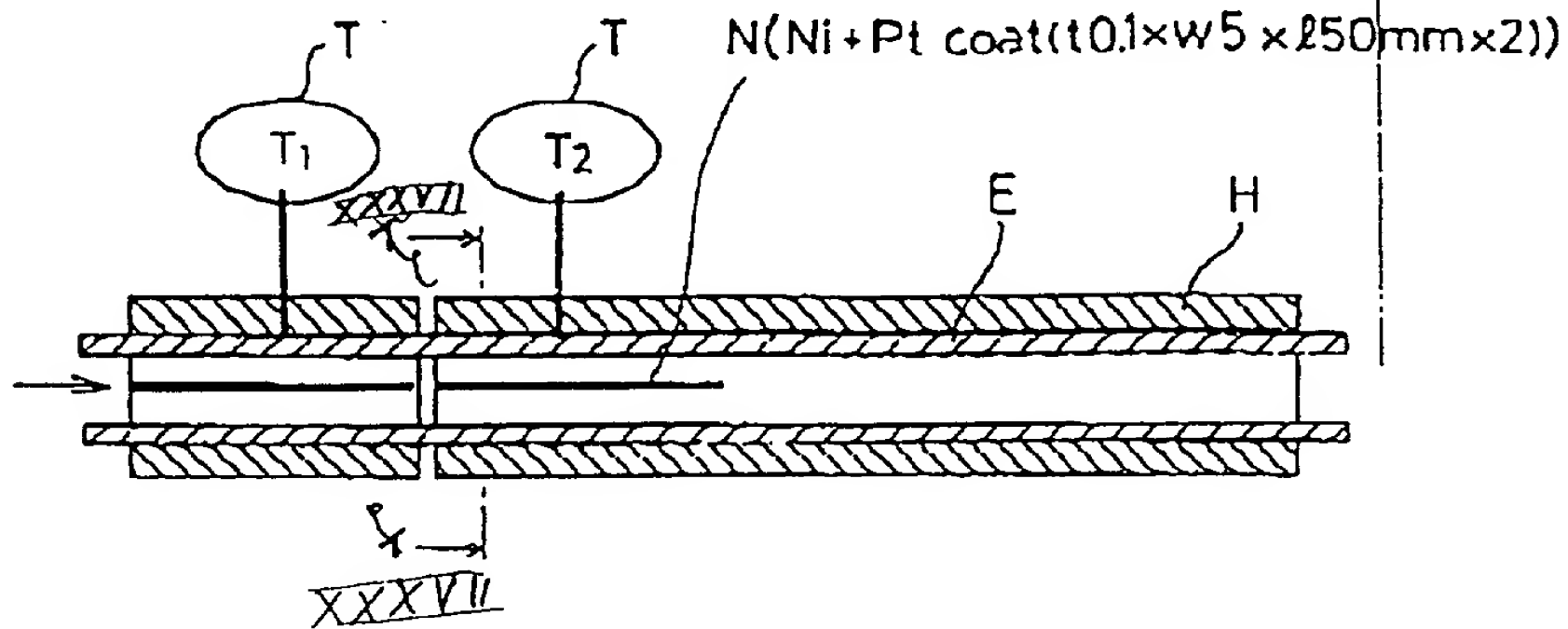


Fig. 35
~~Fig. 35~~



~~Fig. 36~~ Fig. 36



~~Fig. 37~~ Fig. 37

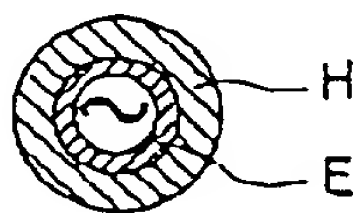
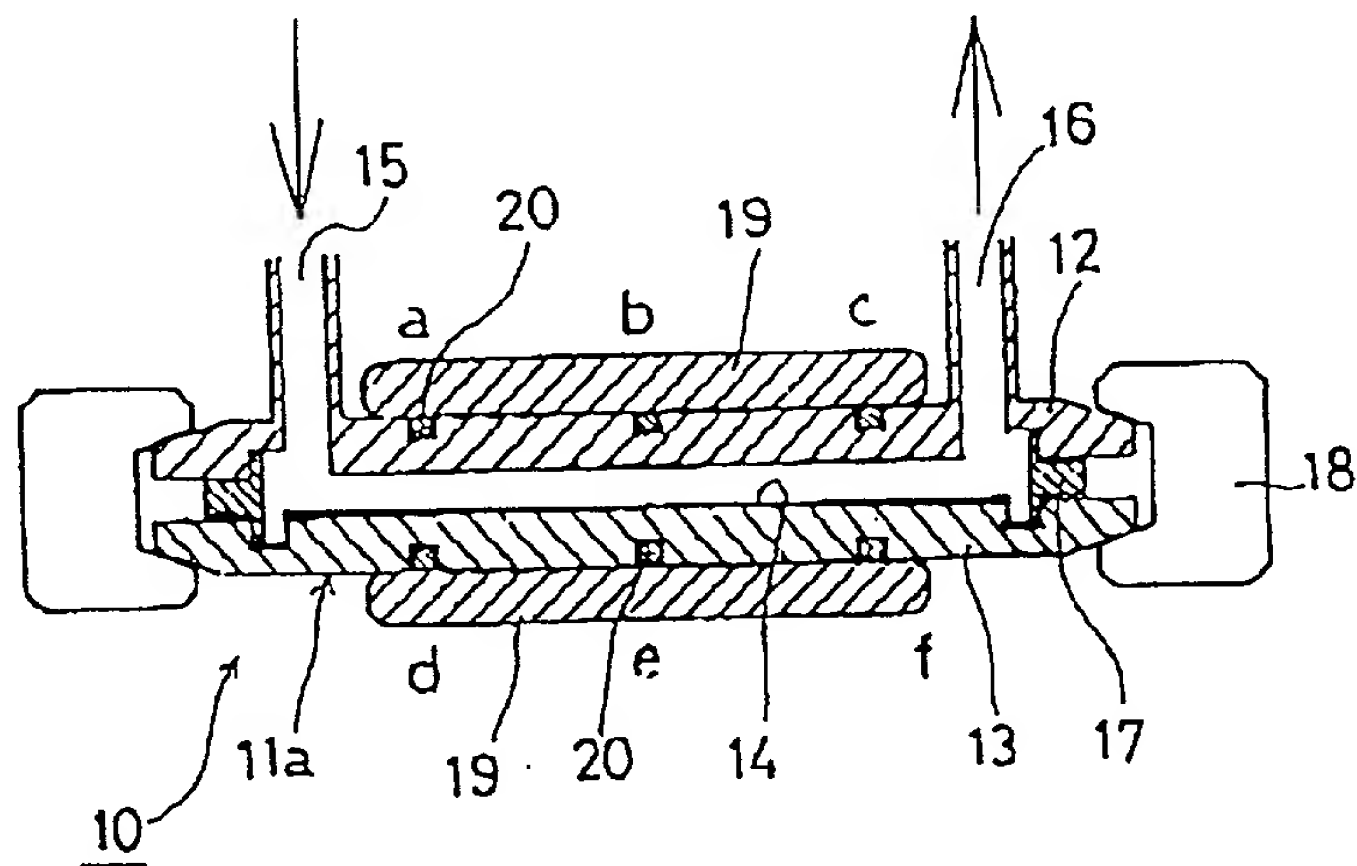


Fig. 38
~~Fig. 38~~



~~Fig. 39~~ Fig. 39

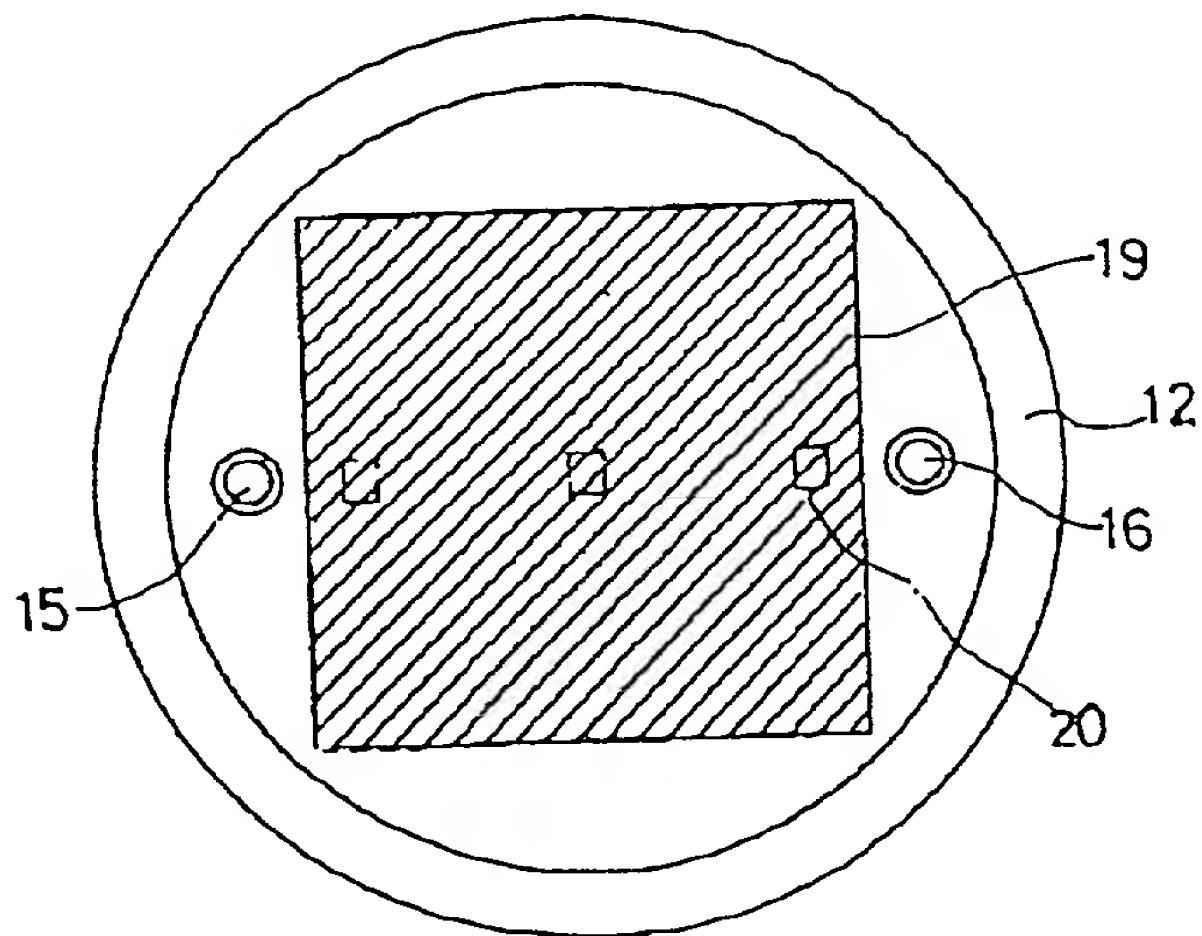


Fig. 40
~~Fig. 40~~

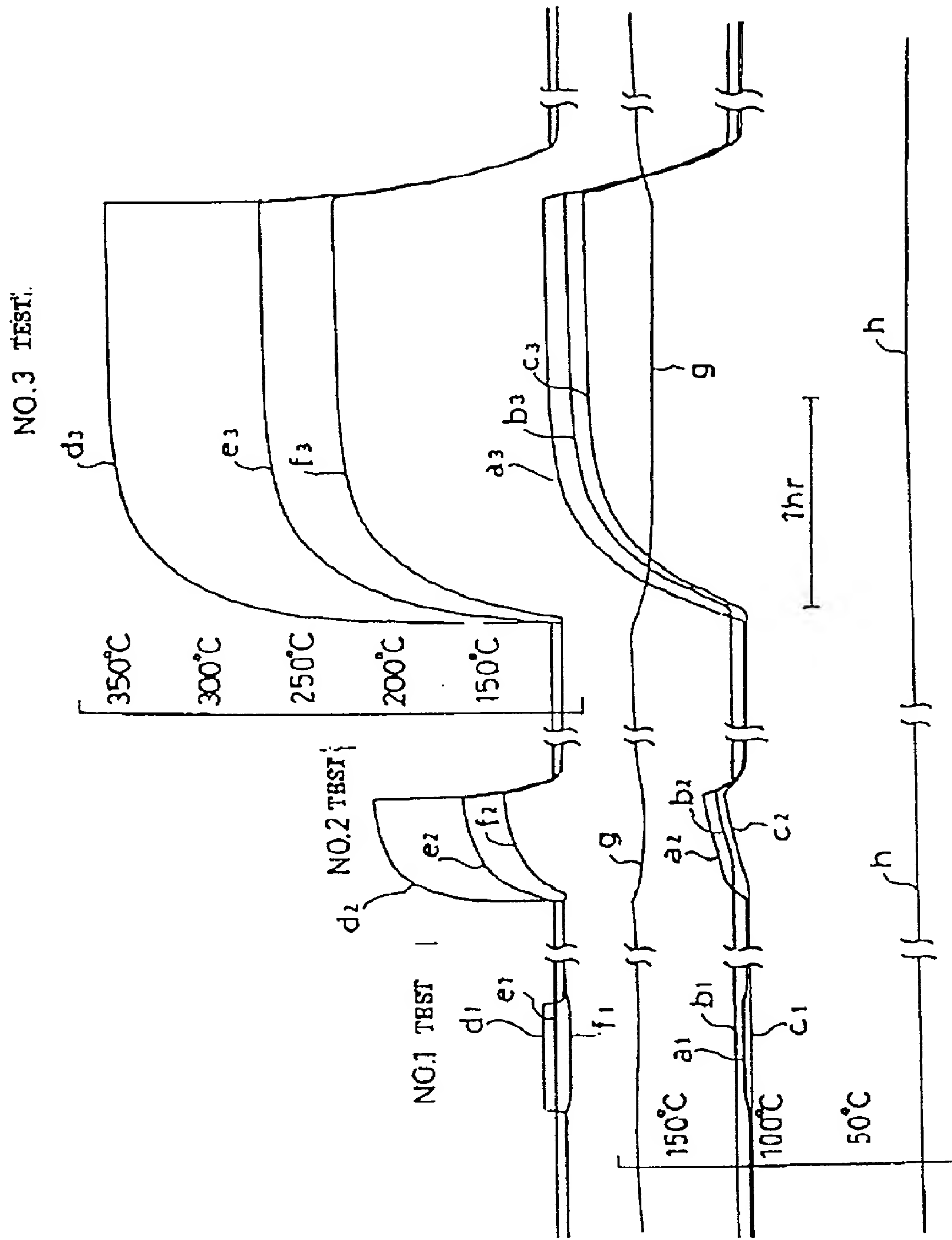


Fig. 41

~~41~~

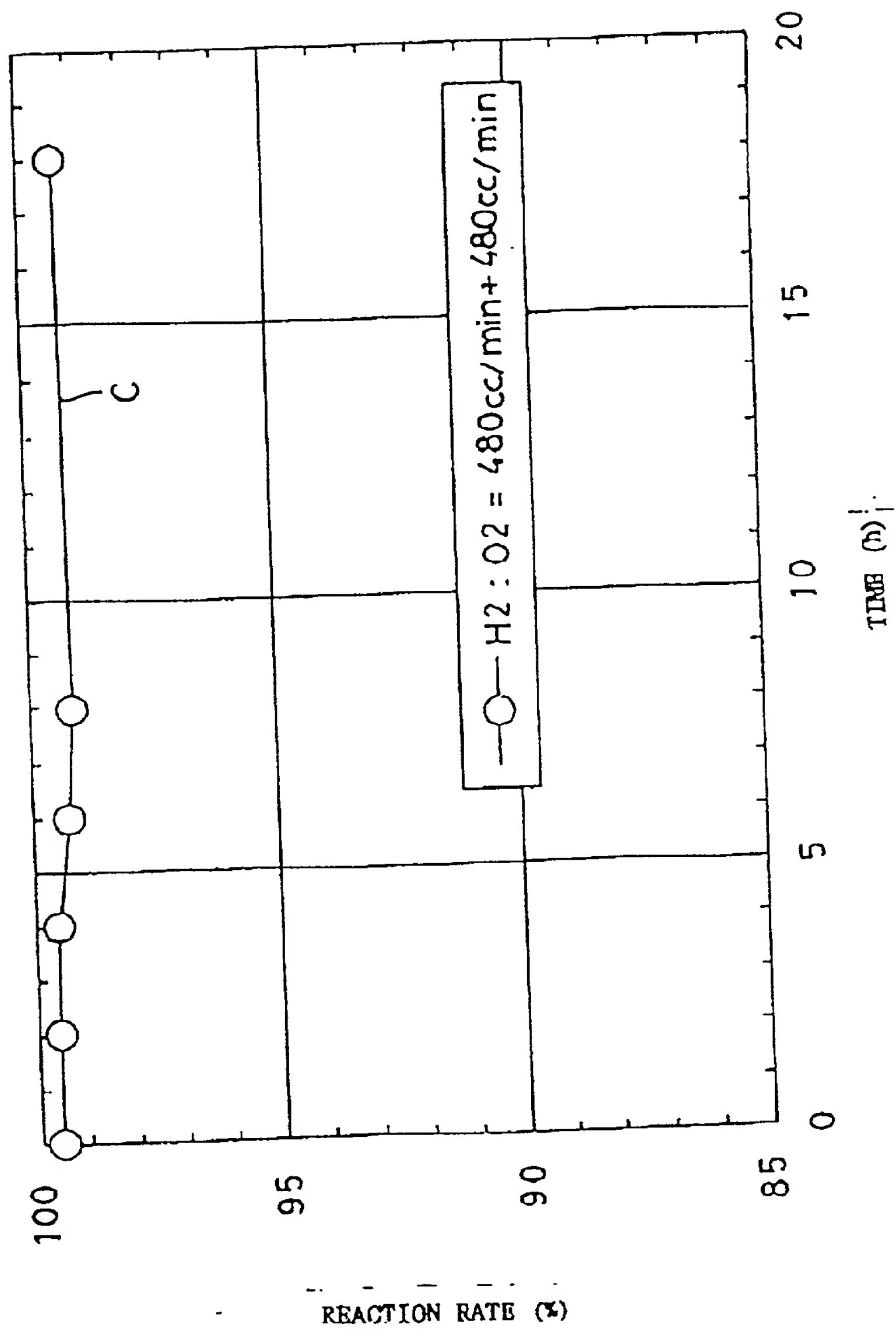
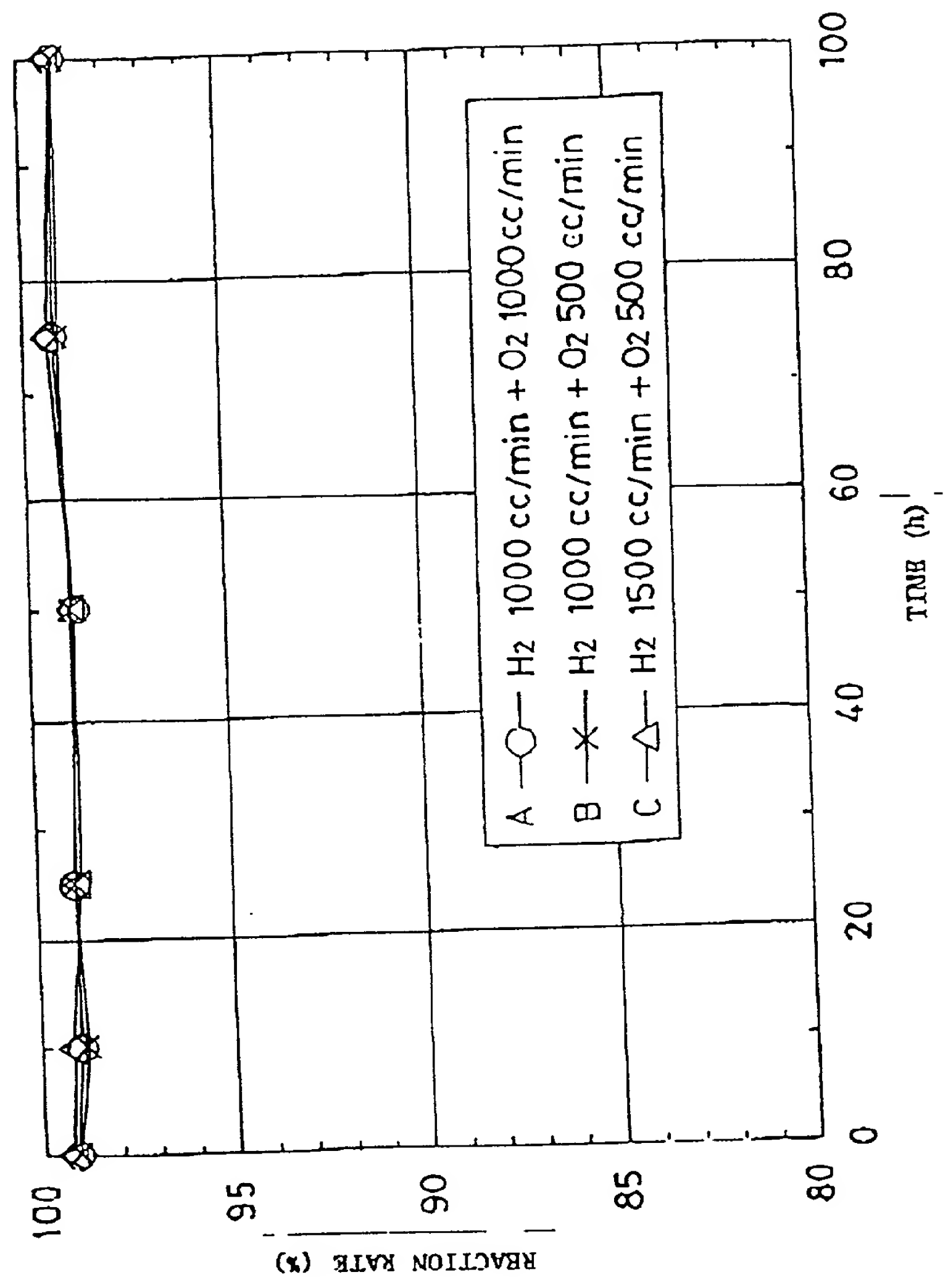
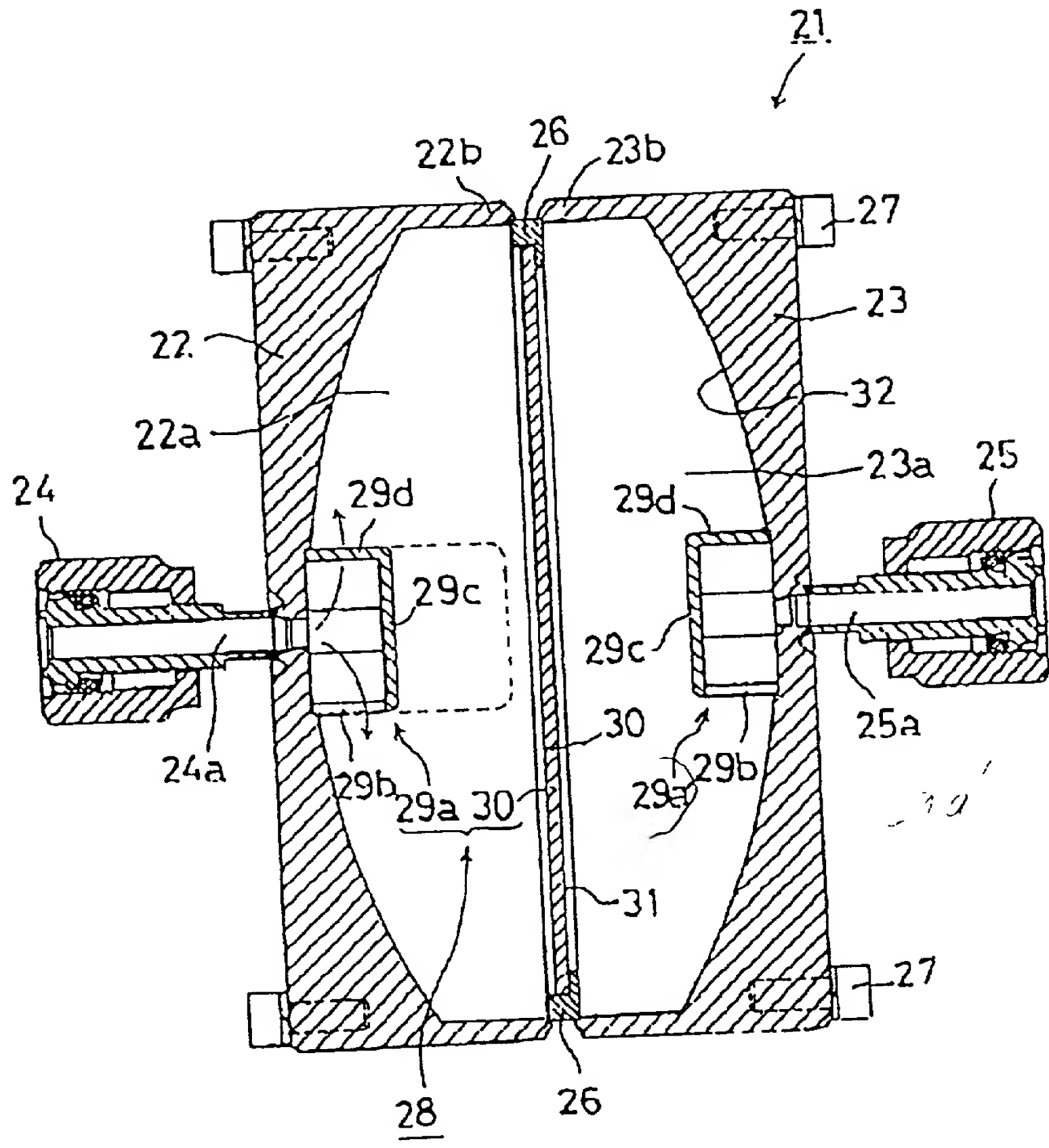


Fig. 42
~~42~~



~~Fig. 43~~

Fig. 43



~~Fig. 44~~
Fig. 44

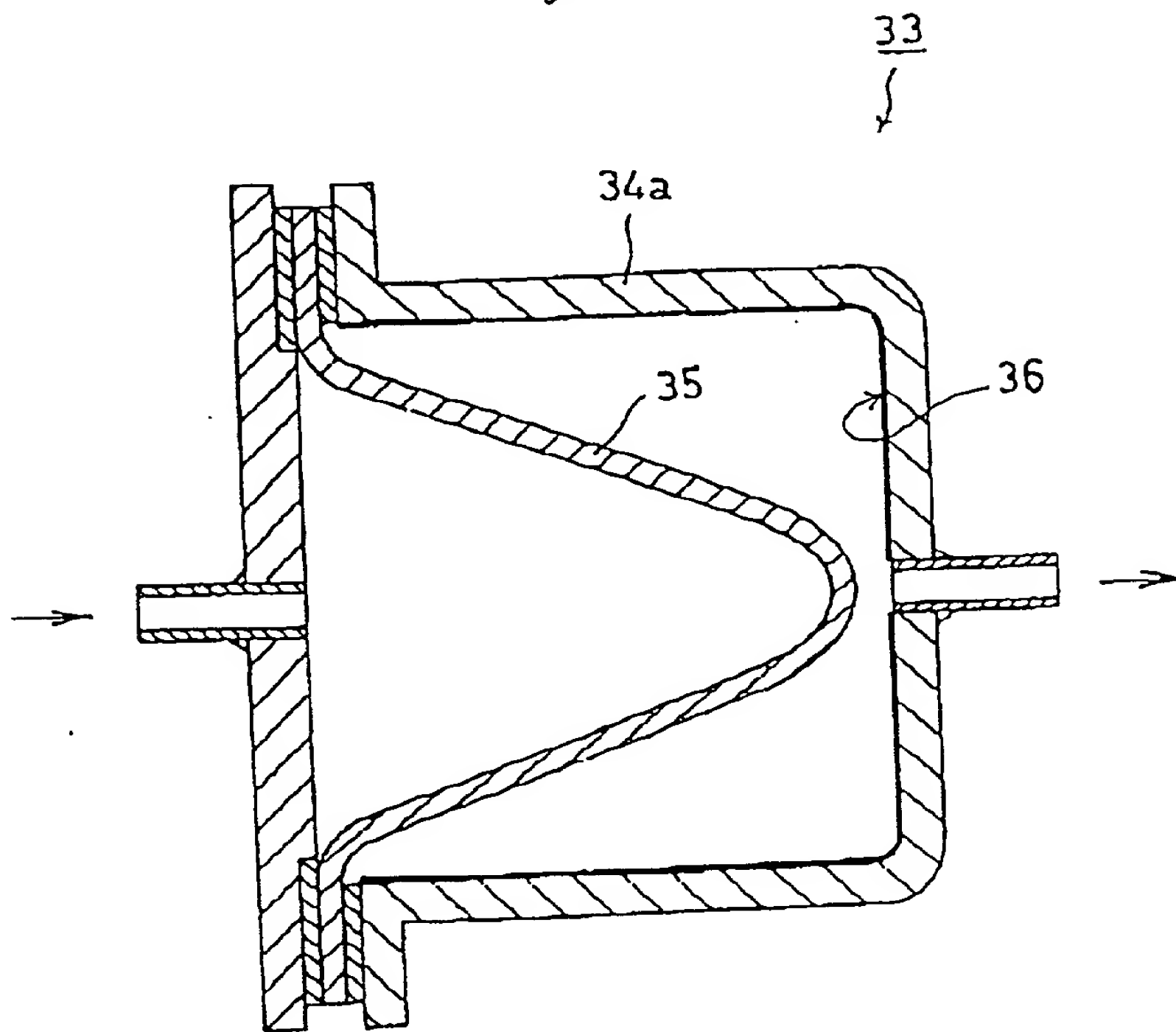


Fig. 45

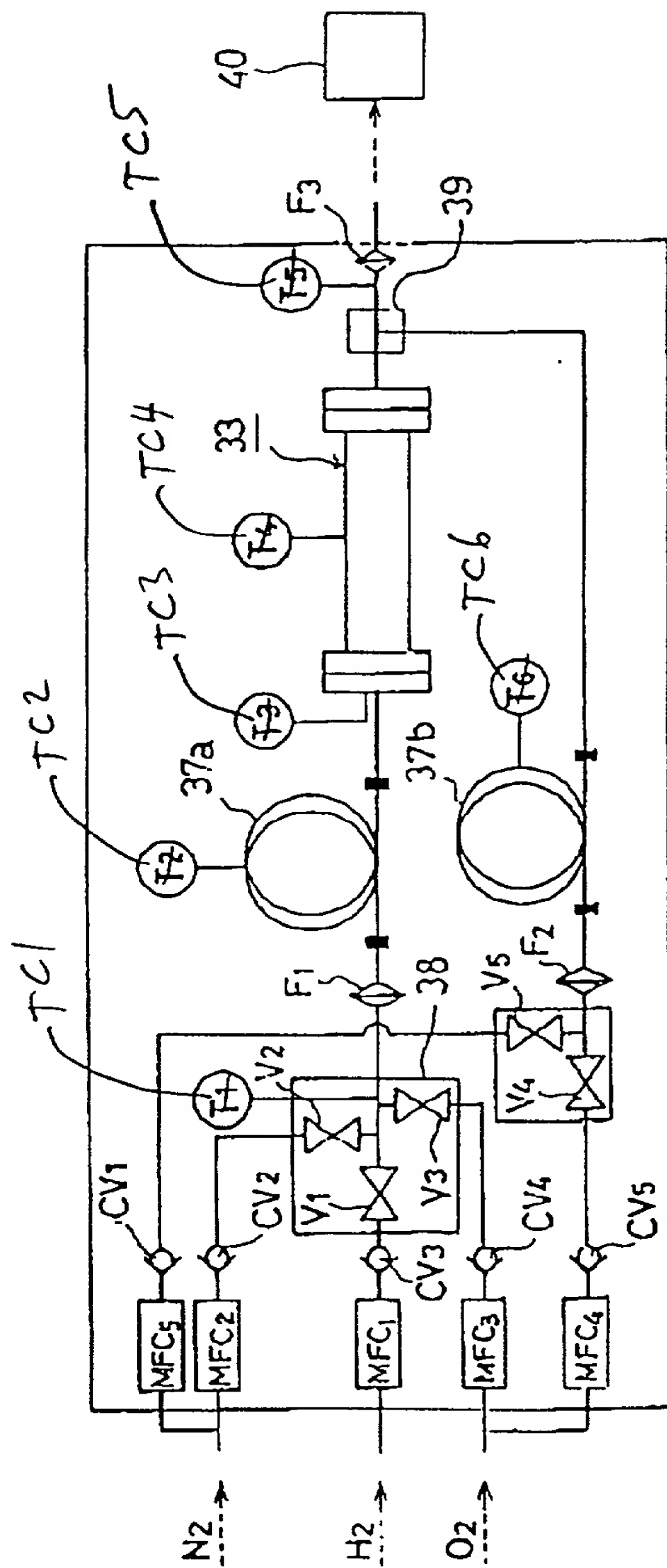
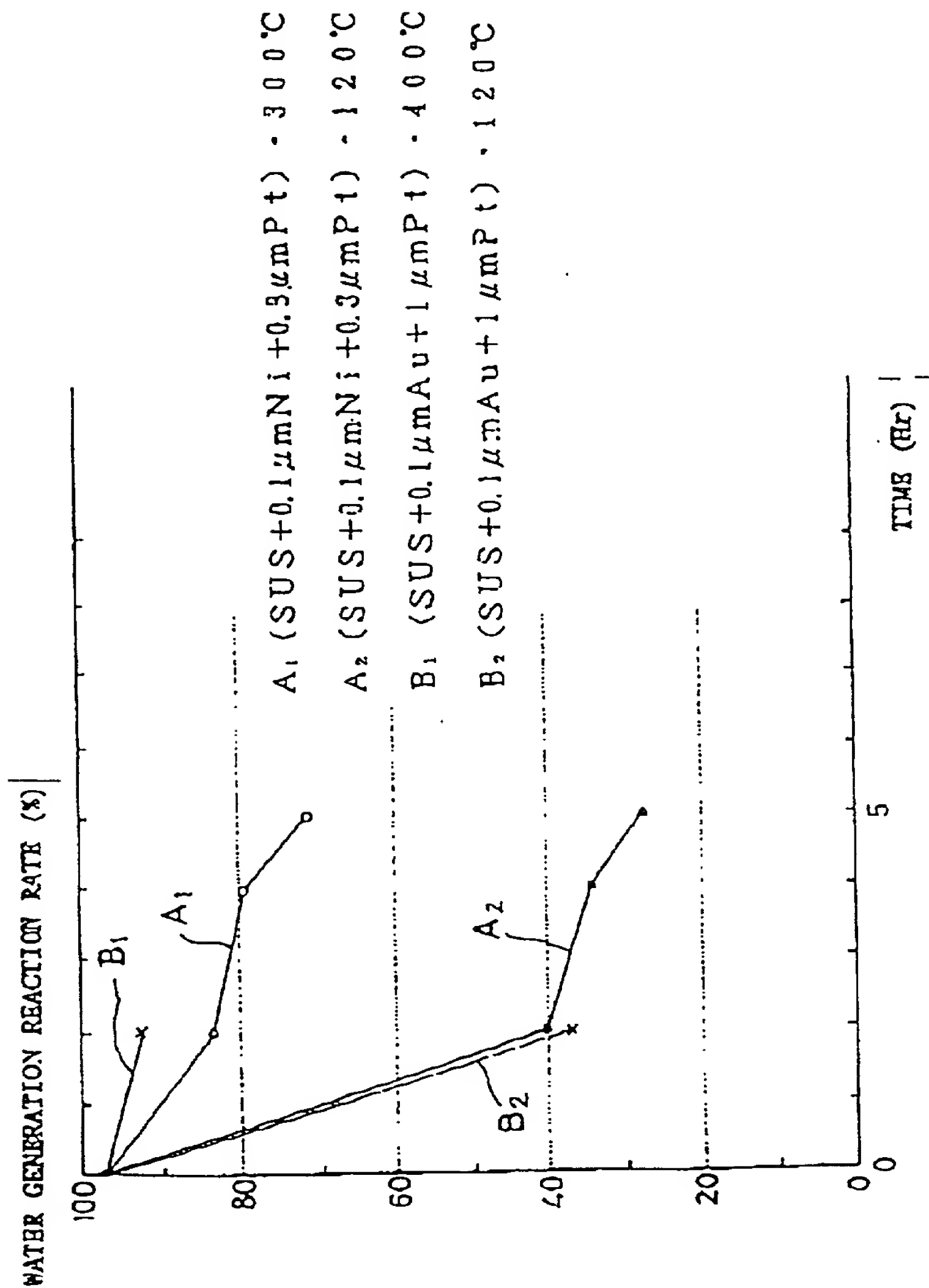
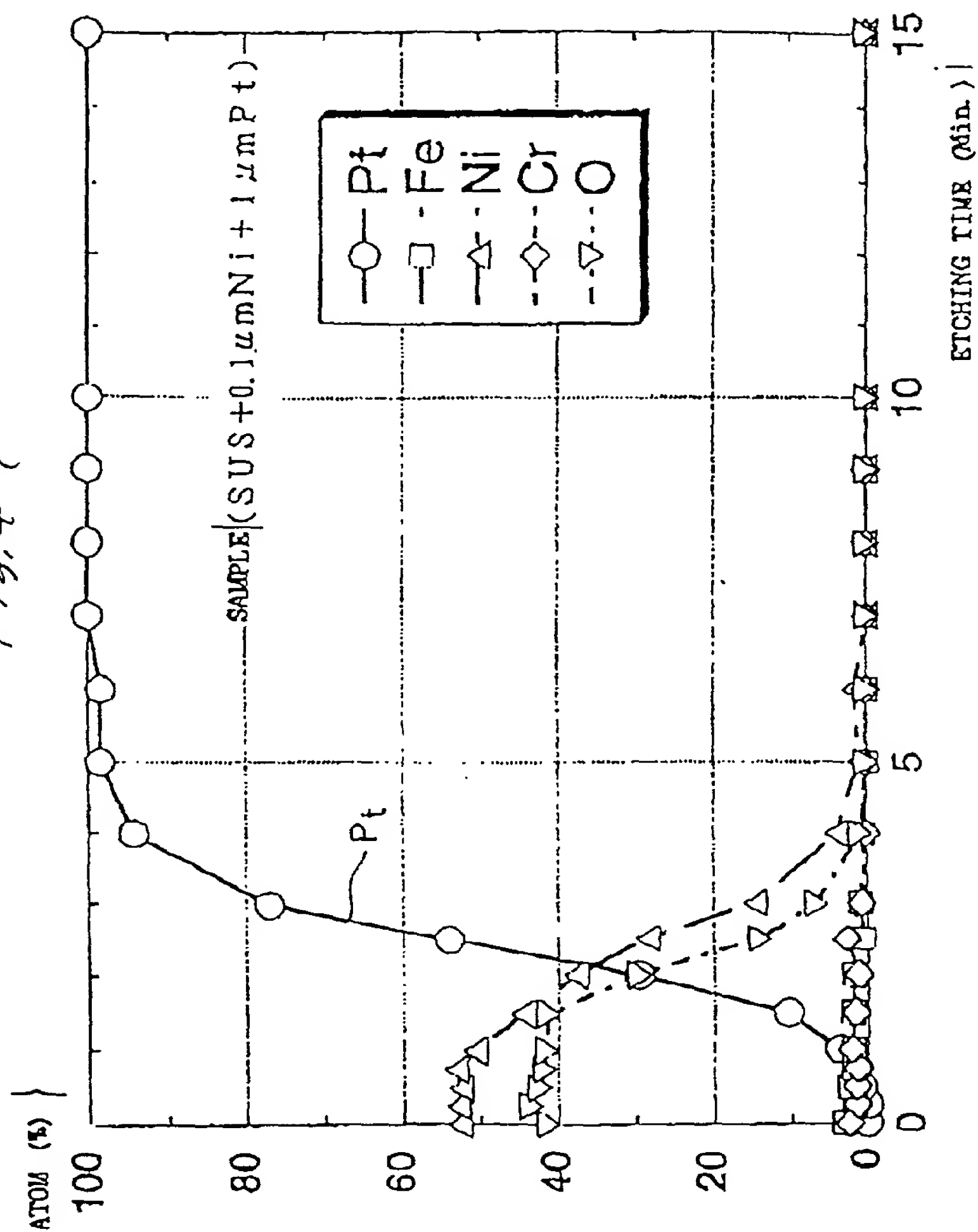


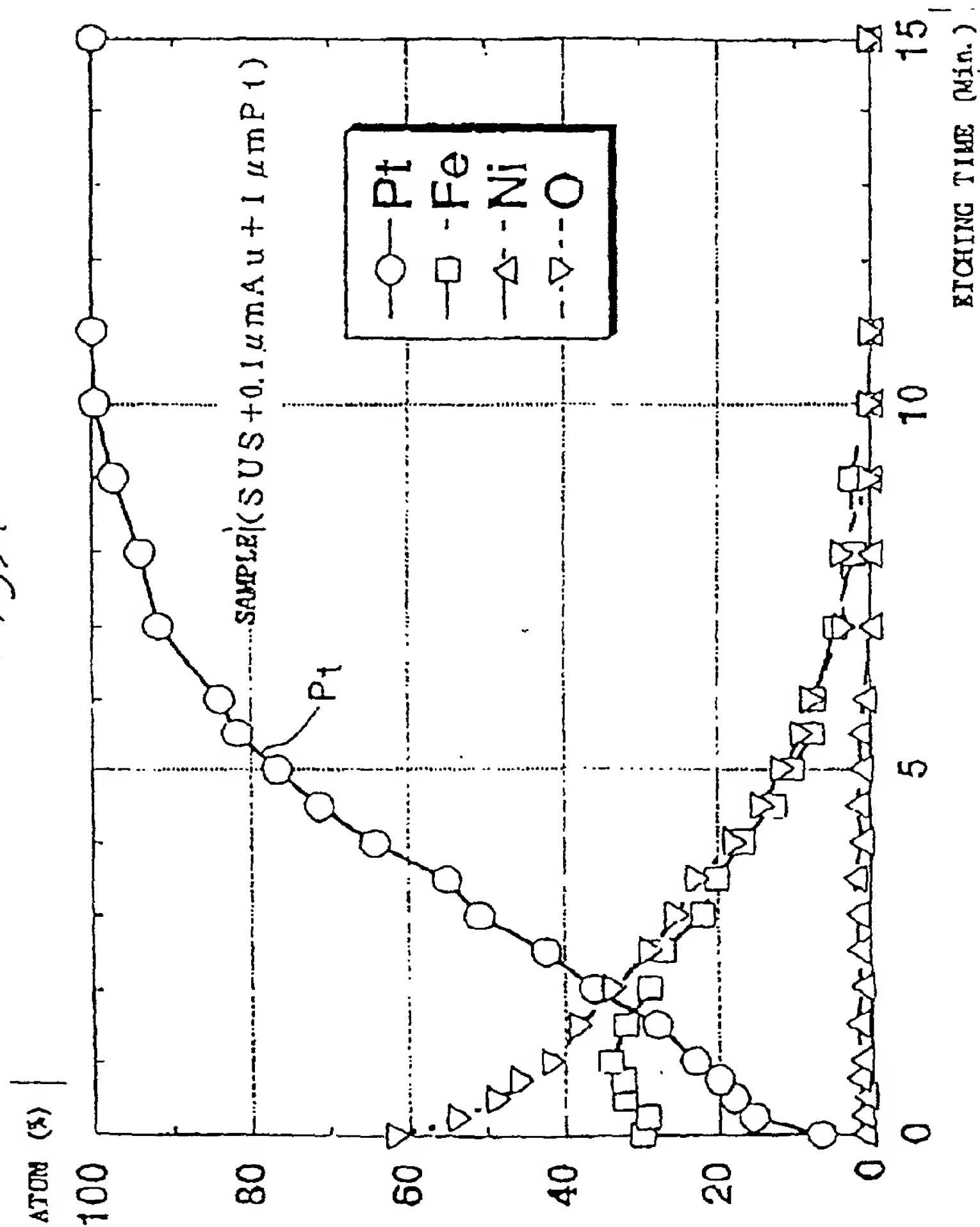
Fig. 46
~~Fig. 46~~



~~Fig. 47~~
Fig. 47



~~Fig. 48~~
Fig. 48



~~Fig. 48~~

Fig. 49

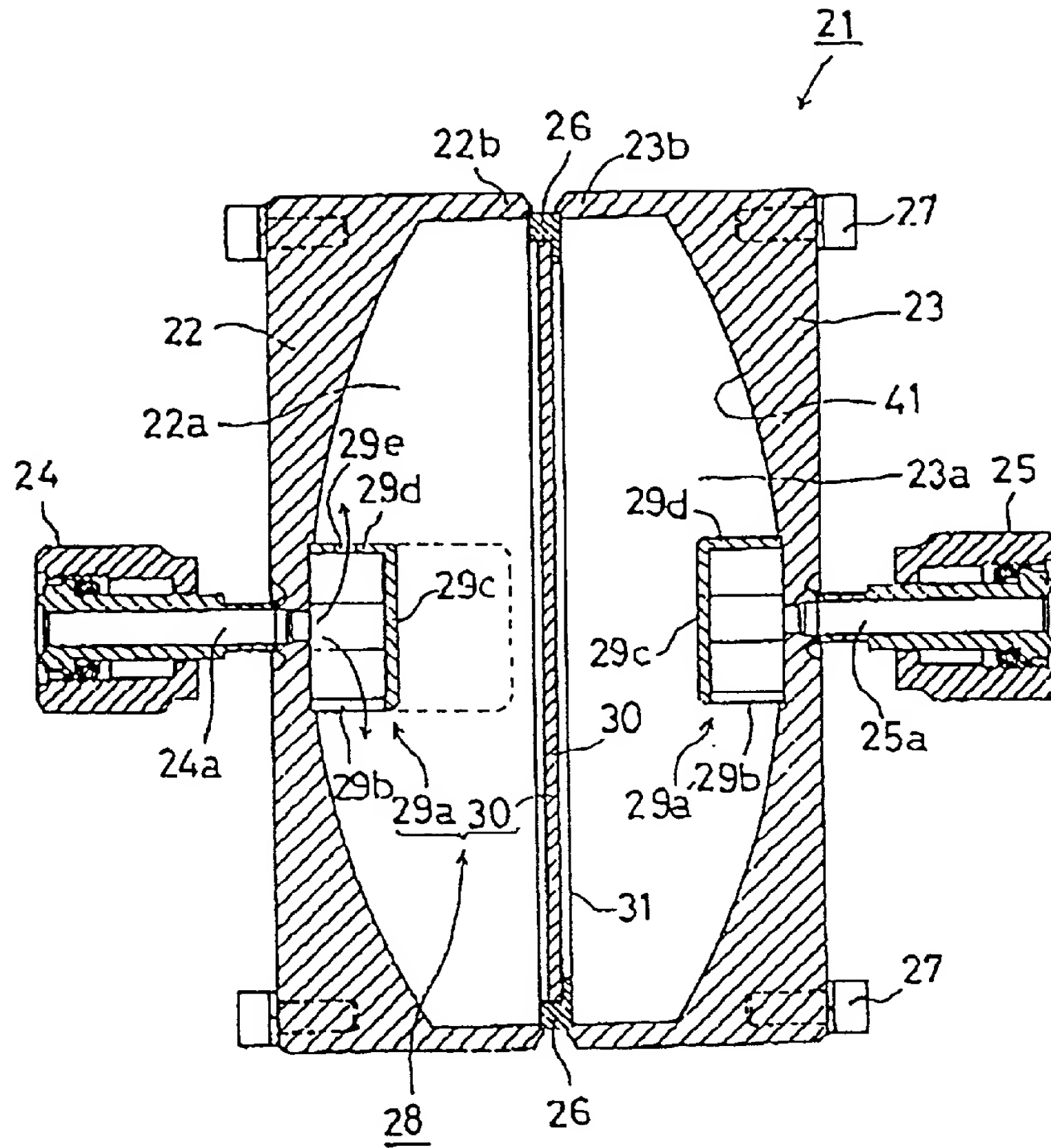


Fig. 50

~~Fig. 50~~

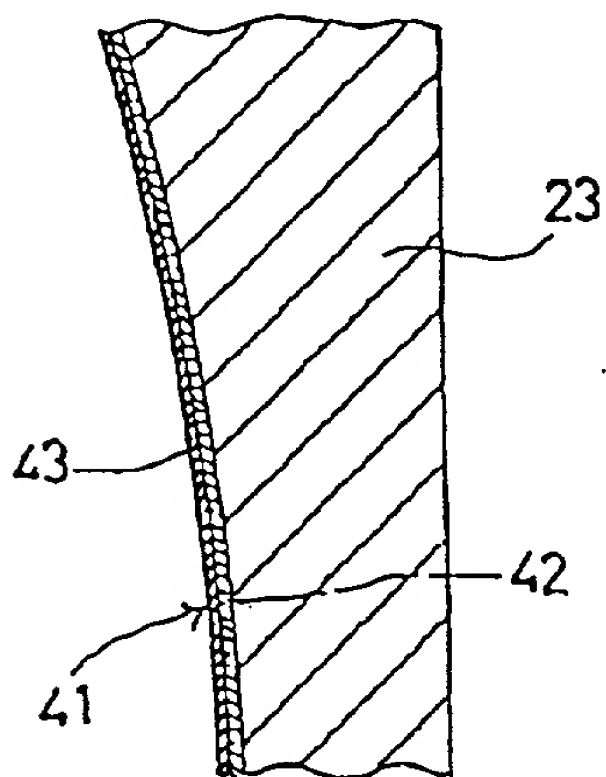


Fig. 51

~~SECRET~~

WATER GENERATION REACTION RATE (%)

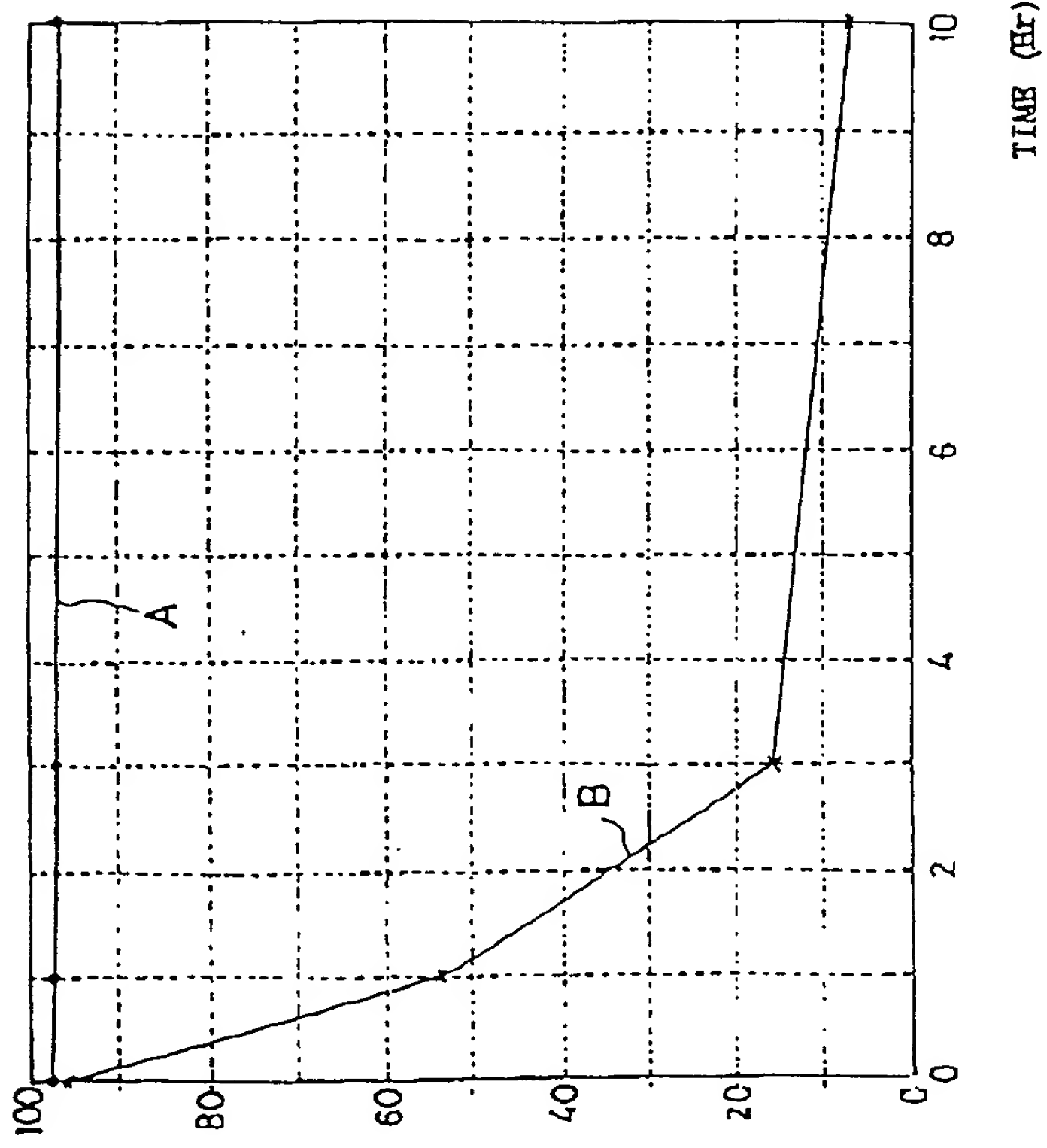


Fig. 52

~~Fig. 52~~

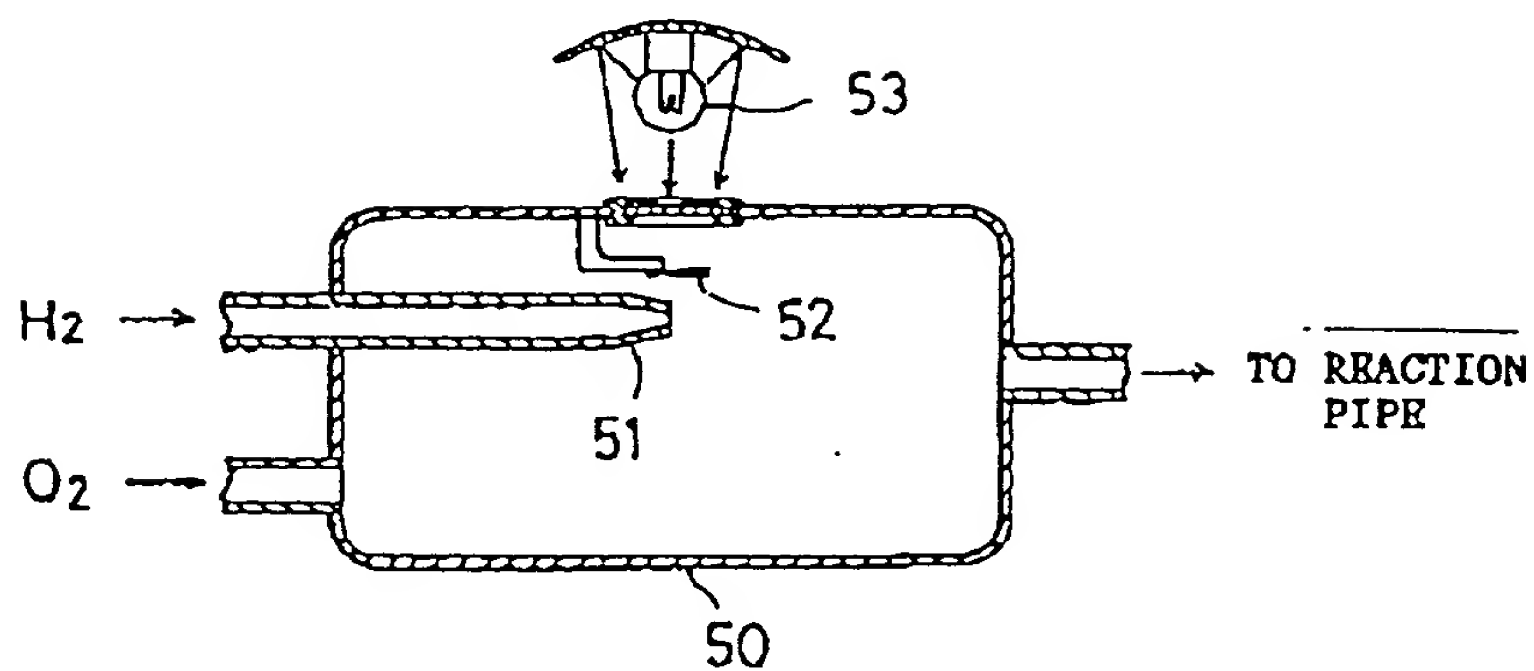


Fig. 53

~~Fig. 53~~

